

## **Historic, Archive Document**

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1. SPRING  
1922  
PAINESVILLE  
NURSERIES

THE  
**Storrs**  
AND  
**Harrison**  
... Co. ...

2. PAINESVILLE  
OHIO

3.

1. VERONICA LONGIFOLIA  
SUBSESSILIS  
(Blue Bird Flower)

2. AQUILEGIA IMPROVED, LONG SPURRED PINK  
3. HARDY PINKS, GRENADIER

ONE OF EACH FOR 60¢

GIANT  
DAHLIA FLOWERED  
ZINNIA  
(MIXED)

PACKET

20¢

3 Packets for 50¢



# CATALOGUE NO 2

SPRING 1922

## THE PAINESVILLE NURSERIES



THESE INTRODUCTORY LINES are practically a reproduction from last spring's book. Why should we change the words, when the facts remain the same?

**THE TRADE MARK.** The conspicuous character shown at the left is our trade mark. We are showing it as often as we have opportunity, on stationery, shipping tags, boxes, etc.,—in fact it is finding its way into every nook and corner of our great land and obtaining recognition. We want people to know it when they see it, to think what it stands for; and to greet it as a friend.

**ABOUT OURSELVES.** This business was established in 1854. It has thus been in uninterrupted operation for 68 years, expanding normally from year to year. Today it is rated high among the great American houses devoted to the Nursery business and its allied trades; and is generally conceded to be the leading Departmental Nursery in America. We believe the three most important elements entering into its past success are these: It started with, and has striven to maintain, an ideal. It has played fair with its customers, and acquired their faith. It has proven the established quality of its goods, and earned respect.

**ABOUT OUR STOCK.** It will be several years before American Nurseries can get back to normal conditions and production. Stock is scarcer than ever before, although it is with pleasure we call attention to reduction of prices in various lines. Quality, Service and Morale—"as usual."

**THE STORRS & HARRISON CO.**

**Our Complete Stock** makes it possible for customers to secure everything needed for orchard, kitchen-garden, lawn flower-beds, window-garden or conservatory on one order and normally, in one shipment, thereby saving on express or freight charges and in the delay and annoyance that would be incurred by ordering from half a dozen localities.

### Our Seed, Plant and Tree Departments

are entirely separate. Many customers prefer having their seeds shipped very early, their bedding plants late, with the fruit and ornamental section in season between. Even when this arrangement is not specified, we sometimes thus exercise our discretion, for the customer's best interests.

**Novelties** and new varieties will be found offered under their respective headings. We endeavor to test all new American and European introductions, offering only those we believe will be of value, and discarding old sorts only as they are superseded by better kinds.

**How to Order.** Please use order sheets found in front part of this catalogue, carefully filling in blank spaces and enclosing payment for full amount of order. Write very plainly, or print: name, post office, county, state, street and house number or R. F. D. where you get your mail; with explicit directions if stock is to be shipped to some other town. To avoid mistakes do not write letters on same sheet as orders.

**When to Order.** As soon as this catalogue reaches you, send in your complete order for seeds, plants and trees, with definite shipping instructions which we will follow as closely as possible. By ordering early, we are enabled to assemble possibly all of your list while supply is unbroken and "set it aside" awaiting desired, or proper, shipping time.

**Late Shipments.** Our land is cooled and vegetation kept dormant by proximity to Lake Erie, several weeks later than other sections

**Non-Warranty.** While we hold ourselves in readiness, on proper proof, to replace free of charge all trees, etc., that may prove untrue to label, or refund the amount paid, we give no warranty expressed or implied as to description, quality, productiveness or any other matter of any Nursery stock, seeds, bulbs or plants we sell.

**Our Guarantee.** All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified. Accept shipment, examine and count on receipt and notify us at once should there be any errors, and the carrier as well, if any damaged stock. This guarantee not good unless above requirements are complied with. We do not guarantee continued growth. Remember a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes, drinks and feeds, and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition.

**THE STORRS & HARRISON CO., Painesville, Ohio.**



of corresponding latitude. This enables us to dig and ship stock in perfect condition after trees in most other sections are in full leaf, and to supply the slowly warming points further north.

**Remittances** should be made by post-office or express money order, bank draft or registered letter. Remittances in any other way are entirely at sender's risk. Personal checks not accepted unless enough is added to cover bank exchange.

**Postpaid by Mail.** We deliver postpaid to any post-office in the United States any article in this catalogue offered by mail.

Please bear in mind that parcels post shipments are limited in weight and volume, thus restricting mail service to small sized articles and rather small quantities.

**Express Preferable.** We do not prepay express charges. Where distance is not too great it is best to order by express; stronger stock in better condition can be sent, and if goods are miscarried or damaged, they can be more easily traced and damage rectified.

**Catalogues.** The following editions (except No. 1) free to all planters:

**No. 1**—One of the best descriptive catalogues issued; offering and describing a full line of fruit and ornamental trees, grape-vines, small fruits, roses, shrubs, climbing vines and hardy plants, with instructions for planting, spraying, etc., profusely illustrated with half tone cuts from photographs of desirable specimens. Price 10 cts.

**No. 2**—This one.

**No. 3**—Holland and other bulbs for fall planting, winter blooming plants, hardy perennial plants, shrubs, fruits, small fruits, grape vines, etc., issued during August.

**Orders less than \$1.** We cannot afford to fill orders of less amount than one dollar, unless, in addition to amount for plants wanted, ten cents is sent. This does not apply to Seed orders.

(Signed) **THE STORRS & HARRISON CO.**



THE STORRS & HARRISON CO'S TESTED SEED GARDEN FIELD AND FARM

**Our Seed Trade** is entirely through this catalogue. It is the only agent we employ. We send out no seeds to be sold again on commission, but—deal direct with the planters—devoting all of our resources to supplying them with the best and finest stocks obtainable. The substantial increase our business receives each year assures us that our efforts are not in vain and that our seeds are meeting the requirements of the most particular planters.

**Days Required.** For convenience we have placed in figures after the name of each variety of vegetables, the approximate number of days required from seed sowing for that variety to reach the state when it is ready for harvest and market. This feature of our catalogue has received much praise from our customers, many of whom have complimented us upon its installation and assured us of the valuable service it renders them. These figures are based upon tests made in our own locality under average growing conditions and it should be borne in mind that as climate, rainfall, soil and location all have so much to do with crop production, the number of days given will vary with different conditions.

**About Prices.** At prices named we guarantee that all seeds you may order in Packets, Ounces, Pounds or Two Pounds, will be delivered to your home or post-office postpaid. If ordered delivered by express or freight at above prices deduct for postage at the rate of ten cents for each pound.

Unless noted, all other quantities larger than two pounds will be sent at purchaser's expense by either Express or Freight.

**Guarantee of Genuineness.** While we exercise great diligence and care to have all of our seeds true to name and hold ourselves in readiness, on proper proof, to replace all Seed that may prove untrue to name, free of charge or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said seeds that prove untrue.

(Signed)

THE STORRS & HARRISON CO.

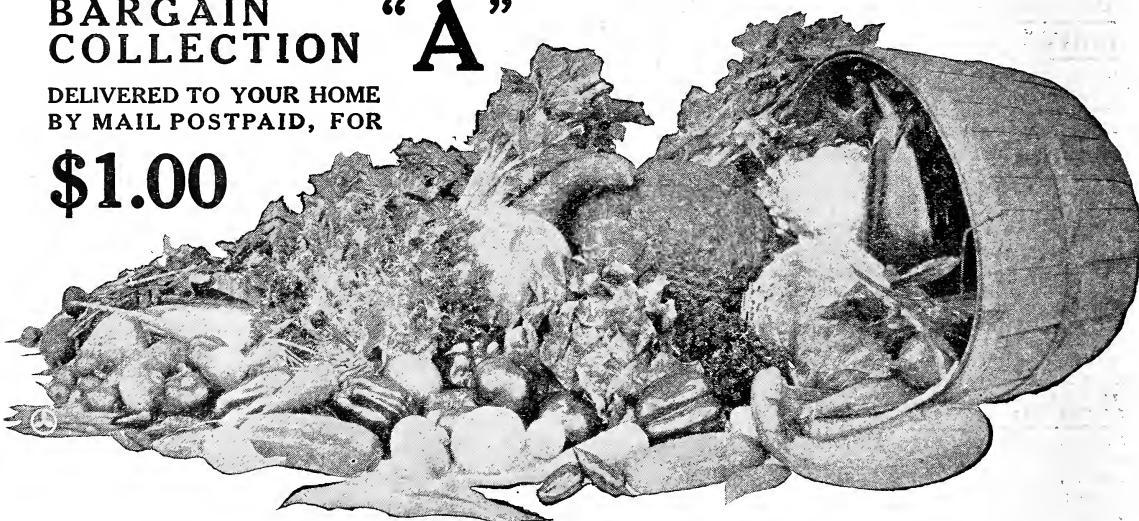
## VEGETABLE SEEDS

HERE IS A COMPLETE VEGETABLE GARDEN; 25 PKTS.—25 KINDS OF CHOICEST VARIETIES; FULL SIZED PKTS.; AGGREGATE VALUE \$1.80

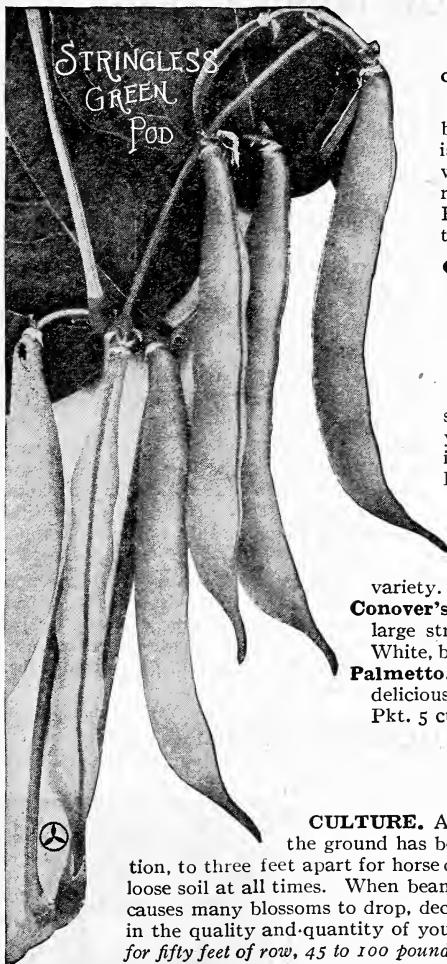
### BARGAIN COLLECTION "A"

DELIVERED TO YOUR HOME  
BY MAIL POSTPAID, FOR

**\$1.00**



1 Packet Beans, Imp. Red Valentine.....	\$ .10	1 Packet Parsley, Moss Curled.....	\$ .05
1 Packet Beet, Crimson Globe.....	.05	1 Packet Parsnip, Hollow Crown.....	.05
1 Packet Cabbage, All Head Early.....	.10	1 Packet Peas, Nott's Excelsior.....	.10
1 Packet Carrot, Chantenay.....	.05	1 Packet Pepper, Ruby King.....	.10
1 Packet Cauliflower.....	.20	1 Packet Pumpkin, Sugar.....	.05
1 Packet Celery, White Plume.....	.10	1 Packet Radish, Icicle.....	.05
1 Packet Corn, Golden Bantam.....	.10	1 Packet Salsify.....	.05
1 Packet Cucumber, Davis Perfect.....	.05	1 Packet Spinach.....	.05
1 Packet Egg-Plant.....	.10	1 Packet Squash, Giant Summer Crookneck .....	.05
1 Packet Lettuce, Denver Market.....	.05	1 Packet Squash, Hubbard.....	.05
1 Packet Musk-Melon, Early Hackensack.....	.05	1 Packet Tomato, Spark's Earliana .....	.10
1 Packet Water-Melon, Cole's Early.....	.05	1 Packet Turnip, Purple Top White Globe.....	.05
1 Packet Onion, Ohio Yellow Globe.....	.05		



## ARTICHOKE

Raised for the young green flower heads which are usually boiled or baked and eaten with a butter sauce.

**CULTURE.** To obtain globes the first year, the seed should be sown in February or March and kept growing until the weather is suitable to transplant to the open ground. Seed sown in May will not bear globes until the following year. Transplant into rows three feet apart, setting the plants two feet apart in the row. Protect through the winter by mulching and earthing up around the plants.

**Green Globe.** This is the very best variety. Large elongated green heads, very tender and delicious. Pkt. 10 cts., oz. 75 cts.

## ASPARAGUS

1 ounce to fifty feet of drill

**CULTURE.** Seed of asparagus should be sown early in the spring, in drills two inches deep. When seedlings are one or two years old transplant (for the family garden) twelve to eighteen inches apart in the row, and cover crowns to a depth of two inches. For commercial usage plant in rows four to five feet apart, placing crowns eight to ten inches apart in the row.

**Columbian Mammoth White. (2 years)** This is a very vigorous growing sort producing splendid white shoots of the very finest quality. We can highly recommend this

variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00

**Conover's Colossal. (2 years)** A well known standard variety, very large strong shoots of excellent quality, not as clear white as Mammoth White, but preferred by many. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Palmetto. (2 years)** The very earliest variety and of the green type, delicious flavor and very popular and profitable as a market variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

## BEANS

**CULTURE.** A light loam is best adapted to a perfect bean crop. Plant as soon as the ground has become thoroughly warm in rows from two feet for hand cultivation, to three feet apart for horse cultivation. Cultivate thoroughly and often, keeping a mulch of loose soil at all times. When beans are in bloom cultivate shallow, as deep cultivation at this time causes many blossoms to drop, decreasing the yield. This extra effort will more than repay you in the quality and quantity of your crop. For a succession plant every two weeks. One pound for fifty feet of row, 45 to 100 pounds per acre.

### GREEN PODDED VARIETIES

**Black Valentine. (40 days)** An extremely early, vigorous growing green podded variety, earlier than Red Valentine, very long and slender round pods of exceptional quality. As a variety for very early planting it stands cold and damp soil better than any other sort. Absolutely rust proof, seed black. Pkt. 10 cts., lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or more by express at 18 cts. per lb.

**Red Valentine. (43 days) (Round Pod.)** This is an early standard variety that is hard to beat. Pods of medium length, round, very fleshy and tender and of good flavor, seed long, of medium size. Pkt. 10 cts., lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or more by express at 18 cts. per lb

**Red Kidney. (60 days)** One of the best varieties for use as a dry bean. Large flat pods, well-filled with large red kidney-shaped beans. Makes an excellent cooking bean, and are always in demand in every market. Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts. 10 lbs. or more by express at 20 cts. per lb.

**Stringless Green Pod. (42 days)** One of the finest stringless green podded beans. The earliest and most hardy, producing an abundance of large handsome round pods, many of which measure six inches in length. This variety has a long bearing season, making it very desirable for the small garden. Seed dark brown. Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts. 10 lbs. or more by express at 20 cts. per lb.

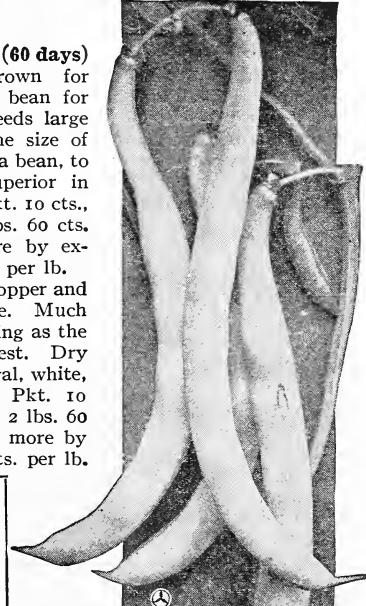
### White Marrow. (60 days)

Extensively grown for sale as a field bean for winter use. Seeds large white, twice the size of the Navy or Pea bean, to which it is superior in every way. Pkt. 10 cts., lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or more by express at 15 cts. per lb.

**Navy.** A sure cropper and very productive. Much desired for baking as the quality is the best. Dry beans, small, oval, white, green podded. Pkt. 10 cts., lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or more by express at 15 cts. per lb.

### ALL BEANS.

Prices quoted for packets, pound and two pounds are postage paid by us. If ordered by express or freight, deduct 10 cts. per pound from post paid rate.



Black Valentine

## WAX OR YELLOW PODDED BEANS



**Davis Wax**

**Davis Kidney Wax.** (40 days) This returns a large yield of handsome pods which are long, flat, clear waxy white and do not stain in canning. One of the best sorts for market as it ships well, delivering in good condition. Pkt. 10 cts., 1 lb. 40 cts., 2 lbs. 70 cts. 10 lbs. or more by express at 20 cts. per lb.

**Detroit Wax.** (45 days) The erect plants of this early dwarf variety are hardy and productive. Pods are of an attractive bright yellow color, broad and flat, four to five inches long. An excellent sort for market, shipping or home use. Pkt. 10 cts., 1 lb. 40 cts., 2 lbs. 70 cts. 10 lbs or more by express at 25 cts. per lb.

**Improved Golden Wax.** (40 days) One of the earliest on the market. Pods are of good length, oval, quite thick and broad, entirely stringless; of a clear, waxy, golden yellow, and fine buttery flavor. Seed white, mottled brown. Pkt. 10 cts., 1 lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or more by express at 20 cts. per lb.

**Hodson Wax.** (50 days) A vigorous grower and the yield of large handsome pods is enormous. Their color is a clear creamy white; very long, straight or slightly curved, flat but fleshy. While late in maturing, the remarkable vigor of the plant is an effectual safeguard against blight and other bean disease. Seed light yellowish brown, splashed with dull crimson. Pkt. 10 cts., 1 lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or more by express at 20 cts. per lb.

**Round Pod Kidney Wax.** (40 days) Two characteristics of this bean, which make it at once popular upon the first trial, are its freedom from disease and the abundance of pods. The fleshy round pods hang thickly on the plants, are of fine flavor, stringless and free from rust. The pods are of a beautiful lemon yellow, larger than those of Wardwell's which mature at the same time. Pkt. 10 cts., 1 lb. 40 cts., 2 lbs. 70 cts. 10 lbs. or more by express at 25 cts. per lb.

**Wardwell's Kidney Wax.** (48 days) One of the most popular in this section of all the wax beans. The strong vines yield abundantly, pods long, flat, broad and of a delicate waxy yellow, brittle and of the best quality. The large size of the pods make this sort especially desirable for either home or market use. Seed white, mottled with dark around the eye. Pkt. 10 cts., 1 lb. 40 cts., 2 lbs. 70 cts. 10 lbs. or more by express at 25 cts. per lb.

## POLE OR RUNNING BEANS

Plant from 10th to 15th of May in this latitude. The soil should be well enriched. Set poles four feet apart each way and plant six to eight beans around them; when well started, thin to three plants to each hill.

**Early Golden Cluster Wax.** (72 days) The finest of all the wax podded pole beans. It bears profusely its large, flat, golden yellow pods in clusters of three to six from bottom to top of pole, and continues in bearing long. Seed white. Pkt. 10 cts., 1 lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 30 cts. per lb.

**Old Homestead or Kentucky Wonder.** (65 days) An excellent green podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. Seed dark brown. Pkt. 10 cts., 1 lb. 40 cts., 2 lbs. 70 cts. 10 lbs. or more by express at 20 cts. per lb.

**Lazy Wife.** (70 days) One of the best for snaps of the later green podded Pole Beans. Pods borne in large clusters, are long, broad, thick and fleshy. Dry beans are excellent for winter use. Seed white. Pkt. 10 cts., 1 lb. 40 cts., 2 lbs. 70 cts.

**Horticultural or Wren's Egg.** (75 days) This is the corn field favorite, the so-called October pole bean. Does equally as well planted in corn as on poles. Bean large, round, pink striped with red, of excellent flavor, used in pods or shelled, pods light green striped with red. Pkt. 10 cts., 1 lb. 40 cts., 2 lbs. 70 cts.

## LIMA BEANS

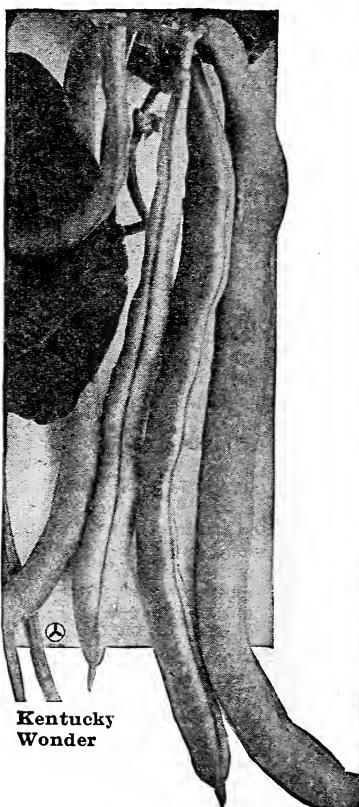
The Limas being more tender and liable to rot in the ground, if it is cold and wet, must be planted later, say about the last of May or first week in June. Plant about one inch deep. The seed of the Limas is very large, flat and white in color. Picking the pods as fast as the beans are large enough to use will lengthen the time of bearing.

### POLE LIMAS

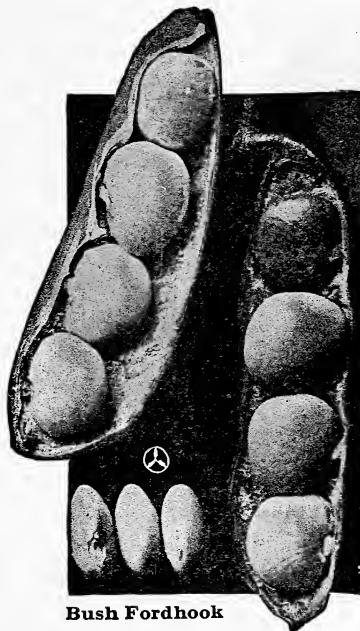
**Early Leviathan.** (75 days) Earliest of all the Limas and very productive. Pods contain from 3 to 4 large tender beans of the best quality and fine flavor. Pkt. 10 cts., 1 lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 25 cts. per lb.

**Green Prolific.** (80 days) An early and the most productive pole Lima we have ever seen. The strong vigorous vines bear large clusters of six to eight pods containing five to six perfectly formed beans, as large as any of the other sorts. The shelled beans have the true dark green color so long sought after by many growers. Pkt. 10 cts., 1 lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 25 cts. per lb.

**King of the Garden.** (90 days) A vigorous grower bearing profusely large pods. The beans are of good size and have a flavor that is unsurpassed by any variety. Pkt. 10 cts., 1 lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 25 cts. per lb.



**Kentucky Wonder**



Bush Fordhook

**Detroit Dark Red Turnip.** (50 days) One of the best sorts for both market and home garden. Roots globular; smooth skin, dark blood red; flesh bright, tender, sweet. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Early Model.** (45 days) Extremely early, of perfect globe shape and fine quality. The beets are always smooth, of the deepest blood red color and quickly attain a good size. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**Eclipse.** (45 days) Remarkable for its early growth and extra fine quality. Smooth and round; skin and flesh red, fine grained and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Half-Long Blood.** (65 days) The best for winter use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Swiss Chard Lucullus.** The plants grow to a height of two to two and one-half feet. The stalks are heavily ribbed, and from ten to twelve inches long below the leaf; are delicious when cooked, and served in the same manner as asparagus. The leafy portion of the foliage is cooked and served in the same manner as spinach. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**BUSH LIMA BEANS**

Identical with the pole varieties in size of pods, but being dwarf in growth do not require support. Plant in three foot rows, four inches apart in the row.

**Burpee's Bush Lima.** (65 days) A popular variety, growing only 18 to 20 inches high. Very productive, of excellent quality. Pkt. 10 cts., lb. 35 cts., 2 lbs. 60 cts., 10 lbs. or more by express at 20 cts. per lb.

**Burpee Improved Bush Lima.** (65 days) Excellent flavored beans, borne on large vigorous plants. Extremely prolific, hanging in enormous clusters. Pods contain from four to six beans of greenish white color. Pkt. 15 cts., lb. 40 cts., 2 lbs. 75 cts., 10 lbs. or more by express at 25 cts. per lb.

**Fordhook Bush Lima.** (60 days) This is of an ideal bushy growth with stiffly erect stem and branches. It is an enormous bearer of plump well-filled pods which are borne in clusters of four to six, all ready for use at the same time. The beans are large, thick, and of most excellent quality. Pkt. 15 cts., lb. 45 cts., 2 lbs. 80 cts., 10 lbs. or more by express at 30 cts. per lb.

## BEETS

Cultivate thoroughly and often. Sow as early as ground can be worked in drills from twelve to eighteen inches for hand culture, to two and one-half feet for horse cultivation, cover to a depth of one to two inches. Continue sowing every ten days for a succession. Thin to a stand of four to six inches apart in the rows. *One ounce to sixty feet of drill: five to six pounds per acre.*

**Crosby's Egyptian.** (40 days) Improved strain of Early Egyptian. As early, thicker, smoother, better color and quality than its parent. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Crimson Globe.** (45 days) Of fine shape, with a smooth and attractive dark red skin and small tap root. The interior is a rich deep crimson and fine grained in texture. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

## SUGAR and MANGEL WURZELS

These should be drilled in rows 2 $\frac{1}{2}$  feet apart and thinned to 8 to 12 inches in the row.

**Klein Wanzleben.** (65 days) 18 tons of sugar made from 100 tons of this beet; one of the largest. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 80 cts.

**Golden Tankard.** (95 days) A golden fleshed mangel; roots half long and very large. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Mammoth Long Red.** (115 days) Long smooth roots of large size. Pkt. 5c., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Giant Half Sugar Rose.** White with a rosy top. Flesh is pure white, yields enormously; grows half out of ground and is easily harvested. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

## BRUSSELS SPROUTS

The small cabbage-like heads are much esteemed for boiling. After the heads have become well started the lower leaves may be stripped to admit light and air. Not hardy in this section but the quality is improved with frosts.

**Improved Dwarf.** (125 days) Grows 1 $\frac{1}{2}$  feet high and is very productive. Pkt. 5 cts., oz. 30 cts.



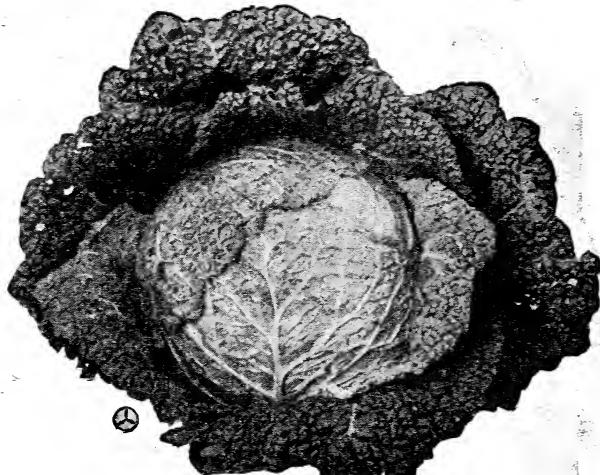
# CABBAGE

**CULTURE.** The early varieties should be sown very early in the spring in hot bed or later in open ground. Plant out 18 inches by two feet apart. The late varieties are usually sown by the last of May and the plants set out in July, in rows three feet apart and two feet apart in the rows. One ounce will produce 3,000 plants. One-quarter pound of seed in beds enough for an acre.

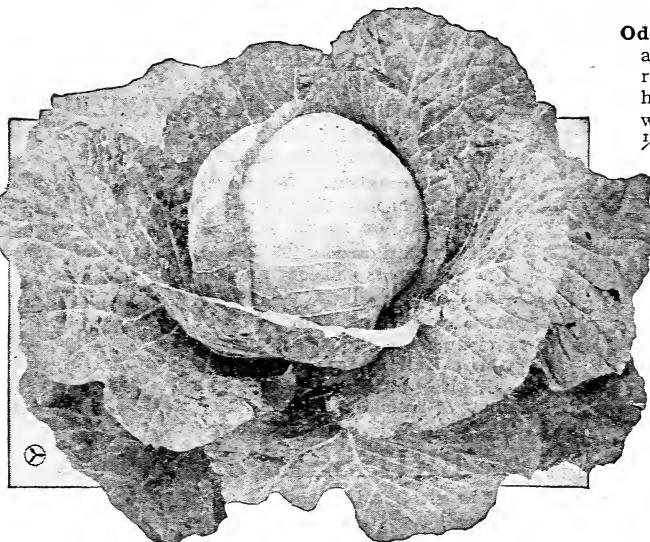
**All Head Early. (90 days)** Of the flat head type. The earliest of all large cabbage. They are solid. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**American Drumhead Savoy. (110 days)** The Savoys excel all other cabbages in flavor, and this is the best of all. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Charleston or Large Wakefield. (85 days)** A popular variety with market gardeners in the south. It is about a week later than Early Jersey Wakefield, but larger. Pkt. 5 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.



American Drumhead Savoy



Copenhagen Market

**Copenhagen Market. (75 days)** Fully as early as Early Jersey Wakefield. Produces magnificent heads similar to Danish Ball Head, weighing from eight to ten pounds. We unhesitatingly recommend this variety to commercial grower and home gardener alike, as worthy of extensive planting. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**Danish Ball Head. (120 days)** (Dutch Winter or Hollander.) The heads are of medium size, solid and deep, averaging in weight nearly eight pounds. Their quality is superior and they are just as solid in spring as when put away in the fall. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**Early Jersey Wakefield. (75 days)** This is the hardiest and hardest heading of the extra early sorts, and most Northern gardeners depend upon it for their first crop. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Eukhuizen Glory. (80 days)** An excellent early variety that has become very popular with the market gardeners. Heads are medium sized, dark green color, solid and heavy. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

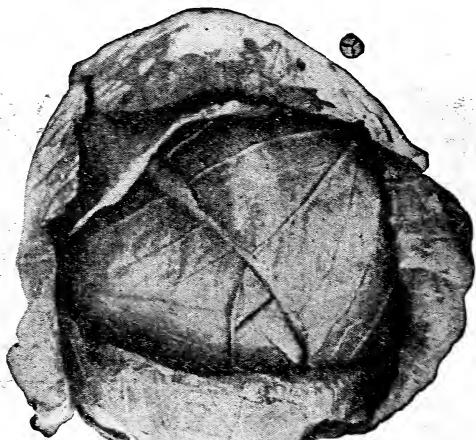
**Early Spring. (80 days)** The earliest of the flat headed varieties of cabbage. Produces a compact head upon a short stem. Quality is of the best, sweet and tender. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Odense Market. (110 days)** This is the newest and a superior variety of red cabbage. Dark red in color, heads medium sized, hard and heavy. Desirable for pickling and salads as well as general use. Pkt. 5 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Premium Flat Dutch. (110 days)** A good cabbage for late use. It possesses all the good qualities of the late Flat Dutch, and is a sure header. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 80 cts., lb. \$2.50.

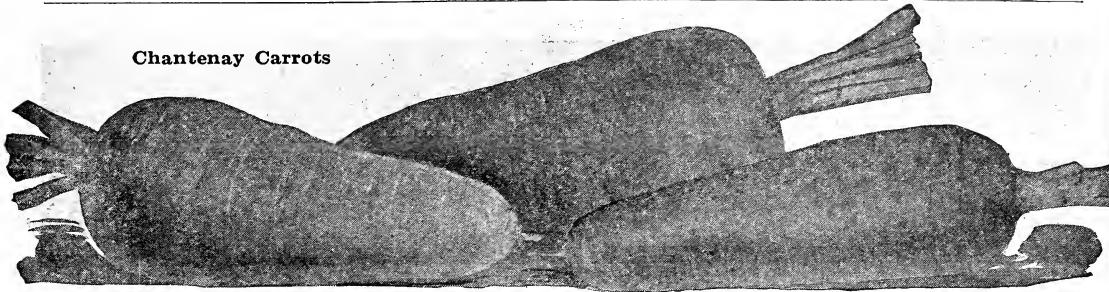
**Sure Head. (100 days)** Makes a solid large head, with few outer leaves. A strong, vigorous grower, ripening late. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Mammoth Red Rock.** By far the best, largest and hardest heading Red Cabbage ever introduced. The plant is large, with numerous spreading leaves, and the head large, very solid, and of deep red color inside as well as outside. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.



Early Spring

Chantenay Carrots



## CHINESE CABBAGE

**CULTURE.** For early use sow the seed in hot bed in February or March. When four inches high transplant, if the weather is suitable, to open ground, setting one foot apart in two and one-half foot rows. For late or main crops, seed should be sown in August or early September and transplanted as soon as large enough.

**Pe Tsai.** While not a cabbage, it is closely related, both belonging to the Brassica family. When well grown, Chinese cabbage makes a head 15 inches long and 4 to 5 inches in diameter, blanching to a beautiful white. May be eaten as a salad or is delicious when cooked in the various ways ordinary cabbage is served. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 20 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

## GARDEN CARROTS

**CULTURE.** Cover the seed about one-half inch in depth, and press the soil firmly over the seed with the feet or a roller. For early use sow as early in the spring as the ground can be worked, and for late crop from May 1st to June 1st. Sow in drills 15 inches apart and thin to three or four inches apart in row. Two and one-half pounds of seed will sow an acre, or one ounce to 200 feet of drill.

**Chantenay.** (60 days) Uniform and intermediate in size and shape. The flesh is of a deep golden orange color. For table use one of the best. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Danvers.** (75 days) A smooth carrot of good size. One of the best for stock feeding. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Guerande or Ox-Heart.** (75 days) A variety good either for family use or market, and profitable for feeding. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Improved Long Orange.** (75 days) A long variety. Pkt. 5 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$1.50.

**Improved Nantes.** (65 days) A fine quality half-long carrot, almost cylindrical in shape, blunt end and very small tap root. Flesh fine grained, with very little core. The skin is a beautiful orange color and very smooth.

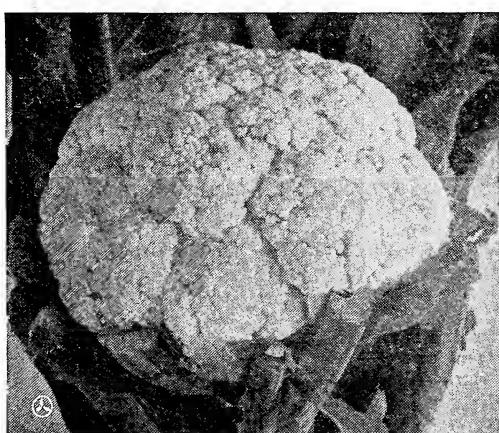
Improved Nantes is one of the best table sorts that we list. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Large White Belgian.** (90 days) Giant stock feeder. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 75 cts.



Pe Tsai—(Chinese Cabbage)

## CAULIFLOWER



Early Snowball

**CULTURE.** Make the soil as fine as possible for every transplanting, and do not allow the young plants to become checked at any time for want of water. For spring and early summer use, sow in January or February in hot bed, and transplant to cold frame when sufficiently large, and to the garden as soon as the ground is warm enough. For late autumn crops, sow in the early part of June, and transplant in July.

### Danish Giant or Dry Weather.

(100 days) A late variety and a splendid drouth resister. Heads are large and white not so close as Snowball or Erfurt it makes a splendid pickling type. Sure header in even the dryest weather. Pkt. 20 cts.,  $\frac{1}{4}$  oz. 80 cts.,  $\frac{1}{2}$  oz. \$1.50, oz. \$2.50.

**Early Snowball.** (90 days) Very early, and one of the surest to head. If seed is sown March 1st, large-sized heads will be produced early in June. Its dwarf habit of growth renders it one of the best for forcing under glass. Valuable for late planting also. Pkt. 20 cts.,  $\frac{1}{4}$  oz. 80 cts.,  $\frac{1}{2}$  oz. \$1.50, oz. \$2.50.



Edible "Boquets"—Giant Pascal Celery



# CELERY

*One ounce of seed will produce from 3000 to 5000 plants*

**CULTURE.** Sow seed in the open ground, as soon as the soil can be worked into a perfect seed bed, cover lightly and roll or firm the covering soil as the seed is slow to germinate and you must retain the moisture. Sowing in rows from ten to twelve inches apart is preferable to broadcasting; by this means cultivation may be kept up, allowing no check in the growth. Cut tops occasionally to make stocky growth.

Transplant in July to a previously prepared bed made considerably richer than seed bed, plant in single or double rows; if single rows four feet apart and six to eight inches in the row; if double rows, rows may be made ten inches apart, skip six feet and plant another double row and so on. This method allows of double returns with the same labor in hillings if soil is rich enough to support.

**Columbia.** (110 days) An early maturing sort, unsurpassed in shape and quality. The plant is of medium height, but very stocky and heavy. The stalks are thick, almost round; the color has in it more of the rich yellow tint of Golden Yellow Self-Blanching, which variety it resembles very much in appearance. The foliage is of a distinctly light shade of green with a tinge of yellow. Its quality is exceptionally fine. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50.

**Golden Self-Blanching.** (110 days) This is by far the most desirable of all celery for earliness, excellence of quality and ease of growth. Rarely, if ever, pithy; and of a rich golden yellow color. Our seed is genuine French grown and of finest quality. Among market gardeners this is the variety that is in greatest demand. As the name implies it is also entirely self-blanching. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 60 cts., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.50.

**Golden Pascal.** (135 days) A variety for second early and midwinter use. The stalks are large, thick, solid, crisp and of a rich nutty flavor, free from bitterness. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**White Plume.** (120 days) For fall and early winter use this is the most popular celery. Its eating qualities are excellent, while its white feather-like foliage places it ahead of all others as a table ornament. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Winter Queen.** (140 days) This is one of the finest varieties for winter use. Makes a stocky, vigorous growth, which blanches easily. Hearts are large and solid but very crisp and tender. Blanches to a beautiful creamy white. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. 85 cts.

**For Flavoring.** Germination is too poor for use as seed, but is excellent to use for flavoring soups, pickles, etc. Oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**Celeriac Giant Prague.** (125 days) The root of this celery is turnip-shaped, sweet and tender, and may be cooked like turnips or eaten like radishes; used largely for seasoning meats and soups. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.00.

## COLLARDS

**Georgia.** Forms a loose head of cabbage like leaves which are largely used for greens. May be used as soon as large enough, but are improved with frosts. Sow seed in open ground, and when well started thin to 15 inches apart in the row. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

## CRESS

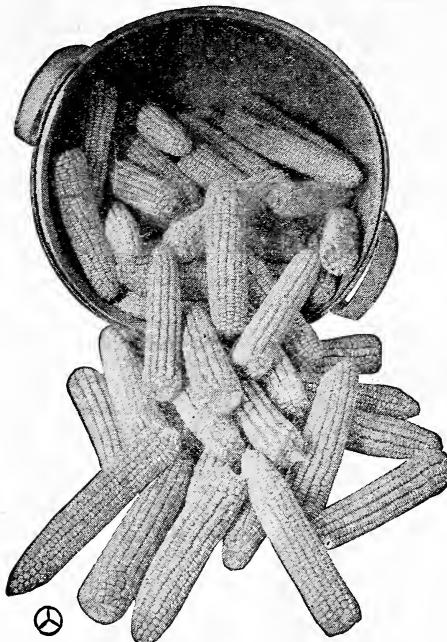
**Pepper Grass—Extra Curled.** Extensively used as a small salad with lettuce. The leaves while young have a warm pungent taste. Sow rather thick in shallow drills, and at short intervals during the season. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Water Cress—Erfurt.** Hardy perennial aquatic plant, growing along streams and ponds. Sow seed at edge of water, covering lightly, may also be sown in tubs. Pkt. 10 cts., oz. 60 cts.



Golden Self-Blanching

# FIELD CORN



White Cap Yellow Dent

## Drought-Proof Yellow

weather and scorching heat better than any other sort. It is a large grained Dent, earlier than Leamington. Grain is a bright golden yellow. Stalks are strong and heavy, bearing large well shaped ears. Heavy producer, being exceeded by no other in yield per acre. The beautiful deep grains, large handsome ears, and the abundance of fodder make it a variety to be desired for general use.

## Improved Leamington (100 days)

One of the most desirable varieties of standard yellow corn. Being a medium early sort it will mature farther north than many varieties and is adapted to all but the most northern parts of the corn belt. The ears are large, of good shape, and well filled with deep grains. This variety is excellent for fodder or silage as the tall stalks are well filled with foliage.

Im-  
proved  
Leamington

**C**ORN is king of all the cereals. Upon this crop is dependent much of the wealth and prosperity of the country. Statistics show that the average yield of corn in the United States is less than thirty bushels per acre. While weather conditions play an important part in the yield of any crop, the poor showing made in corn is largely due to carelessness in the seed planted. Many farmers pay no attention to the quality or germinative power of seed they use. By planting selected seed, known by test to be of high germination, much of this loss could be prevented and the yields greatly increased. Northern grown corn has long held the reputation of being superior to all others for seed purposes. It is more hardy and ripens earlier. Our seed corn is all Northern Ohio grown along the shores of Lake Erie. It is hardy productive stock, tested for germination before it leaves our hands. To aid in handling and shipping, we supply all corn shelled ready for the planter.

**Prices for one pound and two pounds are postage paid; if ordered by express deduct 10 cts. per pound.**

*Ten to twelve pounds of seed are required to plant one acre in hills. For silage thirty to thirty-five pounds are required.*

**All varieties. Lb. 25 cts., 2 lbs. 40 cts. By express or freight 10 lbs. or over at 6 cts. per pound. 100 lbs. or over at 5 cts.**

(90-100 days) This variety resists dry

weather and scorching heat better than any other sort. It is a large grained Dent, earlier than Leamington.

Grain is a bright golden yellow. Stalks are strong

and heavy, bearing large well shaped ears.

Heavy producer, being exceeded by no other

in yield per acre. The beautiful deep grains,

large handsome ears, and the abundance

of fodder make it a variety to be desired for general use.

## Pride of the North

(80-85 days) This is the earliest of all the yellow Dents and the most dependable for maturing a crop. An ideal corn for the northern section. The ears are of fair size with extra small cob, will produce as much shelled corn to the acre as most of the large eared varieties.

## Reed's Yellow Dent.

(100 days) This is without doubt the most popular variety of corn grown in this country. The large ears, eight to eleven inches long, have eighteen to twenty rows of closely set kernels upon a very small cob. The color is a rich deep yellow, with the cap of kernel slightly lighter, kernels dented.

## White Cap Yellow Dent. (85-95 days)

We have an excellent strain of this popular variety which is one of the most satisfactory sorts to raise. Succeeds on almost any kind of ground and is a heavy yielder. Ears are good sized and deep grained. The kernels are a beautiful lemon yellow with a well dented white cap.

## ENSILAGE CORN

**Cuban Giant Ensilage. (120 days)** Where a heavy growth for ensilage purposes is desired, we believe we offer in Cuban Giant the ideal variety. Makes an enormous growth, stalks tall and plenty of forage. The grains are pure white, broad and long, of good vitality. A good milk producer, sweet and tender. Lb. 25 cts., 2 lbs. 40 cts. 10 lbs. or more by express at 5 cts. per lb. 100 lbs. or over at 5 cts.

# SWEET CORN

Please note that prices quoted for pounds and two pounds are postage paid by us. If ordered by express or freight deduct at the rate of 10 cents per pound.

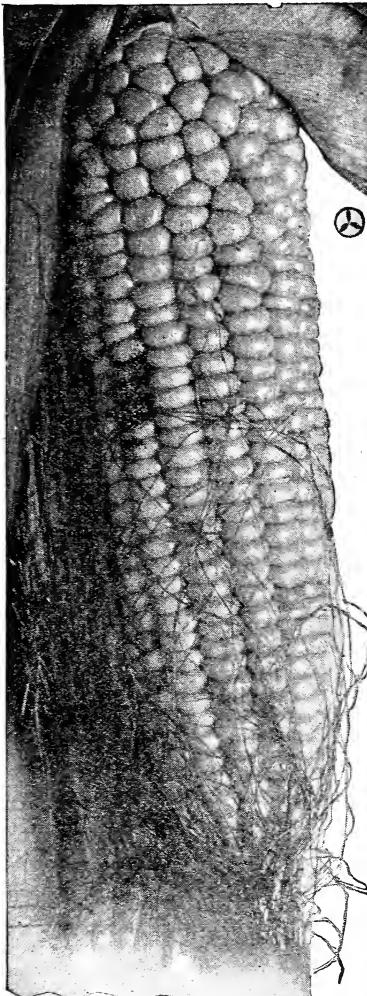
One pound plants 150 hills; eight to twelve pounds per acre; in drills or broadcasted for fodder 20 to 50 pounds per acre.

## EXTRA EARLY VARIETIES

### DeLue's Golden Giant

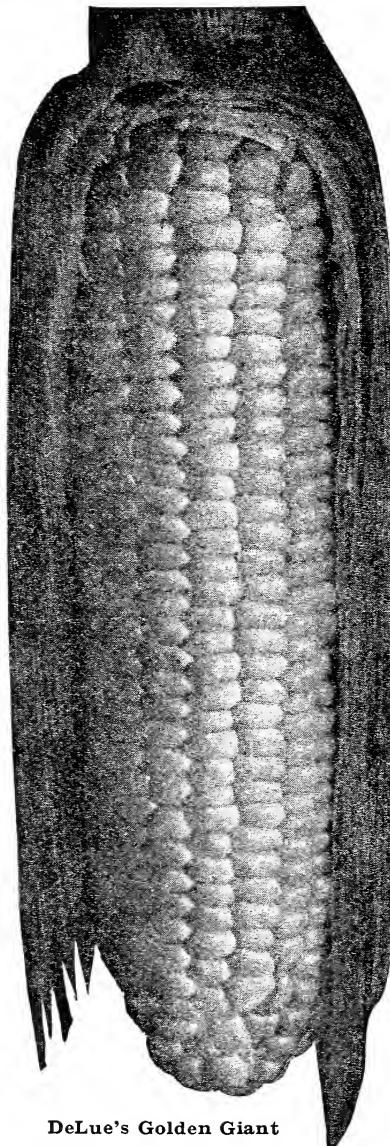
Golden Giant excels all other early varieties in size, productiveness and quality; and all late varieties in quality and early maturity. An early sweet corn that is fit for the table three days to a week earlier; of better quality; and with ears fully one-half larger than Golden Bantam, is sure bound to become popular with the planter. 2 oz. 20 cts., 4 oz. 35 cts., 8 oz. 55 cts., 1 lb. 75 cts. Our grower in Northern Ohio says of it:

"We have grown many acres of DeLue's Golden Giant the past season. We find it 3 to 5 days earlier than Golden Bantam; with ears much larger; and the yield twice as much per acre. We also find its quality superior to that variety. In our opinion, these points of excellence make DeLue's Golden Giant the most wonderful early, productive, large early, yellow sweet corn ever grown—in our forty-seven years experience growing sweet corn."

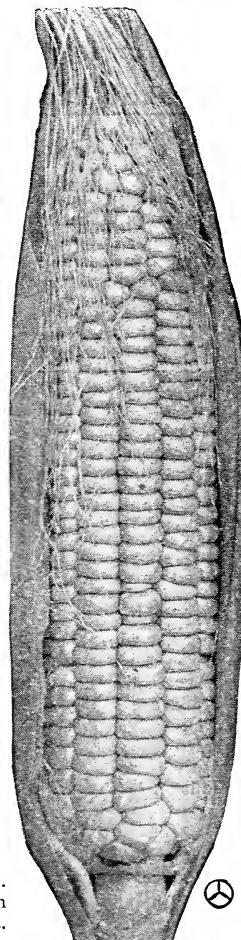


**Extra Early Dighton** An extra early variety offered this season for the first time. In the trial grounds the past summer, where all the leading early varieties were being tested, this proved to be the earliest of all. The trial test notes on this variety are: "Earliest sweet corn in trial, earlier than Extra Early Adams; an extra early selection from Red Cob Cory. Stalks grow about four feet high; Ears (usually two to stalk) six to seven inches long; generally eight rowed; grain broad as in Cory; cob pink, grain white at eating stage; very good quality for so early corn." Pkt. 20 cts.; 2 pkts. 30 cts.

**Golden Bantam** (60 days) Of all the varieties of Sugar Corn this has become the most popular. Matures with the earliest and by making a planting every two weeks, may be had from early Summer until frost. The kernels are a rich golden yellow, very tender and with a flavor that is exceptionally rich and pleasing. The ears are eight rowed, six to seven inches long—just the right size for serving on the cob. This is the sweetest of all corns. Pkt. 10 cts., 1 lb. 30 cts., 2 lbs. 55 cts. 10 lbs. or more by express at 16 cts. per lb.



DeLue's Golden Giant

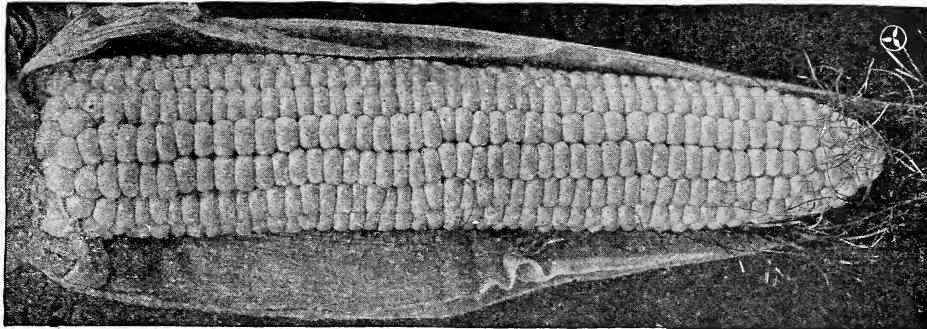


Golden Bantam

**Late  
White  
Evergreen**

## EXTRA EARLY SWEET CORN

Continued



**Extra Early Adams.** (52 days) Not a sweet corn, but is so hardy that a planting may be made before it is safe to plant the sweet varieties. Roasting ears may be had extremely early and are of good quality. Pkt. 10 cts., lb. 25 cts., 2 lbs. 45 cts. 10 lbs. or more by express at 15 cts. per lb.

**Howling Mob.** (65 days) This is one of the newer varieties that has become very popular. It is the largest eared of all the early sorts and usually produces two ears to the stalk. The ears are from 7 to 9 inches long, well protected with husk, kernels large and pure white. A fine variety for market. Pkt. 10 cts., lb. 30 cts., 2 lbs. 55 cts. 10 lbs. or more by express at 16 cts. per lb.

**Kendel's Early Giant.** (65 days) Early, yet the ears grow to a remarkable size, measuring 8 to 10 inches in length, with usually 12 rows to the ear. Kernels are pure white and of splendid eating qualities. This variety is a prime favorite with the market gardener and is an excellent sort for the home garden. Pkt. 10 cts., lb. 30 cts., 2 lbs. 55 cts. 10 lbs. or more by express at 16 cts. per lb.

**Mammoth White Cory.** (65 days) Large ears with twelve rows of perfectly formed kernels. The grains are large, pure white and of excellent quality. For an early pure white sugar corn this old favorite is unsurpassed by any. Pkt. 10 cts., lb. 30 cts., 2 lbs. 55 cts. 10 lbs. or more by express at 16 cts. per lb.

## MEDIUM EARLY CORN

**Bantam Evergreen.** (70 days) Bantam Evergreen is the result of a cross between Golden Bantam and Stowell's Evergreen. It has inherited all the good qualities of both parents. It is as sweet as Golden Bantam, the same beautiful color, but in addition has an ear nearly as large as Stowell's. The kernels are deep grained, plump, a beautiful cream color at the eating stage. Pkt. 10 cts., lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or more by express at 20 cts. per lb.

**Country Gentleman.** (70 days) This is sometimes known as shoe-peg from the small peg-like kernels, irregularly placed on the cob. Medium sized ear, with small cob, giving great depth to the kernels. The quality of this variety is fine and is preferred by some to all others. Pkt. 10 cts., lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or more at 20 cts. per lb.

## LATE VARIETIES

**Black Mexican.** (75 days) One of the most sugary. The grains when first perfected are pure white, and at their best. They then become dark, though still retaining their sweetness. Pkt. 10 cts., lb. 30 cts., 2 lbs. 55 cts. 10 lbs. or more at 16 cts. per lb.

**Stowell's Evergreen.** (80 days) The old popular variety. Hardy and productive, tender and sugary, remaining a long time in a condition suitable for eating. A good sort to plant for fodder, as it makes a rank growth of heavy forage. Pkt. 10 cts., lb. 30 cts., 2 lbs. 55 cts. 10 lbs. or more by express at 15 cts. per lb.

**White Evergreen.** (75 days) This produces large handsome ears, well filled with deep pure white grains of delicious sweetness. Matures slightly earlier than Stowell's Evergreen, which it greatly resembles, and is very hardy. An excellent corn for home use and is a ready seller on the market. Pkt. 10 cts., lb. 30 cts., 2 lbs. 55 cts. 10 lbs. or more at 16 cts. per lb.

## SWEET CORN FOR FODDER

There is nothing better for green-feed or curing for forage than Sweet Corn. Cattle highly relish it and keep in fine condition when fed upon it. Dairy cows who receive a regular ration of corn-fodder give an abundance of milk. 10 lbs. or more by freight or express at 6 cts. per lb.

## POP CORN

**Queen's Golden.** The stalk grows five to six feet high and bears two or three large ears each. The kernels are a rich yellow color but pop out pure white and over an inch in diameter. Pkt. 10 cts., lb. 25 cts., 2 lbs. 40 cts. 10 lbs. or more at 15 cts. lb.

**White Rice.** Ears short, kernels long and pointed, resembling rice; color white. A splendid popping variety and finds a ready sale. Pkt. 10 cts., lb. 25 cts., 2 lbs. 40 cts. 10 lbs. or more at 15 cts. per lb.

## PEANUTS

**CULTURE.** Peanuts require light rich soil well limed. Plant in the spring as soon as the ground has become warm, in rows 30 to 36 inches apart, placing the seed 6 to 10 inches apart in the row. It is not necessary to remove the hull when planting. Keep well hoed. When matured pull and hang up to dry.

**Valencia.** A very desirable and productive Spanish bush type. Mild and sweet flavored, bearing three or four peas in each hull. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts.

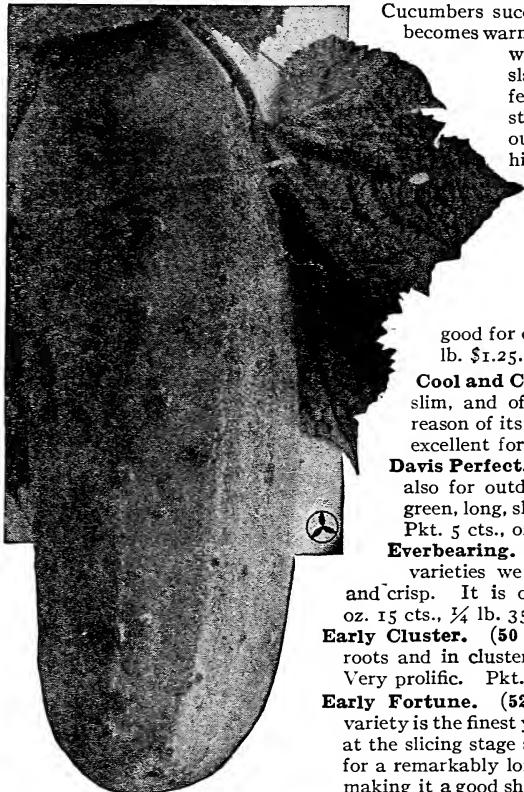
## DANDELION

**CULTURE.** (55 days) Sow early in the spring in warm, rich soil, in drills 18 inches apart; thin the young plants to five inches in the rows and cultivate well; they will be fit for cutting the next spring. When grown for the roots, sow in September and cultivate well during the fall and the following summer; they will be fit to dig in October. Our seed is from carefully selected thick-leaved stocks, much superior to our ordinary wild dandelion. Pkt. 10 cts.

## LEEK

**American Flag.** (70 days) Sow early in the spring in drills one inch deep and one foot apart. When six or eight inches high transplant in rows 13 inches apart and five inches between the plants, as deep as possible, that the neck may be blanched. *One ounce to 150 feet drilled.* Pkt. 5 cts., oz. 30 cts.

# CUCUMBERS



**Davis Perfect**

vine growth is very vigorous and the leaves, which are larger than those of other sorts, are very resistant to disease. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Improved Chicago Pickling.** (68 days) Very popular with the market gardeners. Fruit is of medium length, pointed at each end with large and prominent spines, color deep green. It is an extremely prolific variety and is one of the best for those who want crisp, coarsely spined pickles. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**Improved Long Green.** (65 days) This is a popular variety that is extensively grown both for slicing and pickling. Of excellent quality, dark green, firm and crisp. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Lemon Cucumber.** (55 days) New and entirely different type of cucumber. Shaped and colored like a lemon with fine flavor. For slicing and salads they excel, having none of that bitter taste so often found in cucumbers. May be eaten green, but is at its best just as it is turning yellow. Makes excellent pickles. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**West India Gherkin.** Grown exclusively for pickles. Oval in shape, grows from two to three inches long and is thickly studded with heavy spines. If picked when young and tender they make an excellent pickle. Seed is slow to germinate and the vines do not make as heavy growth as cucumbers. Pkt. 5 cts., oz. 25 cts.

## EGG PLANT

**CULTURE.** Sow in hot bed early in spring; transplant two and one-half feet apart each way after weather becomes settled and warm. If no hot bed is at hand, plants may be started in pots or boxes. The potato beetle is very fond of the plants. Paris green applied same as to potatoes, will keep them in check. *One ounce to 1000 plants.*

**Black Beauty.** (140 days) The fruits are broad and thick, of attractive form, and of the finest flavor. The skin is a rich purplish black. It is entirely free from spines or thorns. They are ready to market early. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$1.75.

**Improved Large Purple.** (125 days) Fruit remarkably large, often measuring 12 inches in depth and 9 inches in diameter, weighing five to six pounds; skin deep purple with occasional stripes of green about the stem. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$1.75.

Cucumbers succeed best in rich loamy soil. As soon as the weather becomes warm and settled, plant in hills four to six feet apart each way, with 10 to 12 seeds in a hill; cover one-half inch deep. Air slaked lime or "Slug Shot" sprinkled on the plants every few days as soon as they are up will protect them from the striped beetle. When all danger from insects is past, thin out plants, leaving three or four of the strongest to each hill. The fruit should be picked when large enough, otherwise it destroys their productiveness. *One ounce to 50 hills. 2 to 3 lbs. per acre.*

**Arlington White Spine.** (55 days) This strain of White Spine has been much improved by careful selection and is much superior to the old sort. It is a rich green in color and is very productive. Arlington is one of the best varieties for forcing, also equally good for outdoor planting. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**Cool and Crisp.** (65 days) Fruits are straight, long, even and slim, and of a healthy dark green color. Very productive, and by reason of its uniform shape, makes one of the best pickling sorts, also excellent for slicing. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

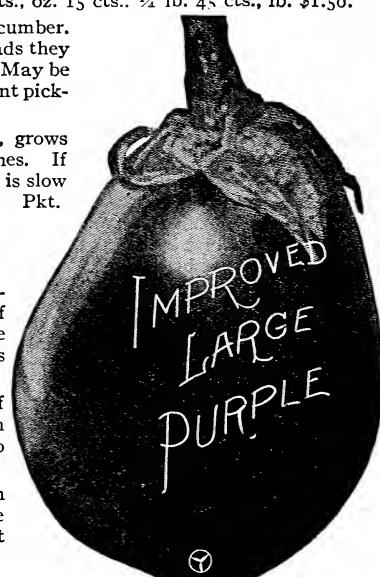
**Davis Perfect.** (50 days) A first-class variety for forcing under glass; also for outdoor culture, and shipping. The color is a dark glossy green, long, slim in shape. It is tender and of exceptionally good flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Everbearing.** (65 days) Everbearing is one of the best pickling varieties we offer. The young fruit is symmetrical, deep in color and crisp. It is of medium size and makes a fine pickle. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**Early Cluster.** (50 days) Vines vigorous, producing the crop near the roots and in clusters. Fruits short, early and of good shape for pickling. Very prolific. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**Early Fortune.** (52 days) For a good all-round cucumber this distinctive variety is the finest yet introduced. The rich dark green fruits when matured at the slicing stage average  $7\frac{1}{2}$  to 8 inches in length and retain their color for a remarkably long time. The flesh is firm, with a small seed cavity, making it a good shipping and market sort. As a pickling sort it is equally as good, producing an enormous quantity of uniform well shaped pickles. The

vine growth is very vigorous and the leaves, which are larger than those of other sorts, are very resistant to disease. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.



## ENDIVE

A fall and winter salad. For early use sow in April; for late or main crop, in June or July, in drills 14 inches apart; when two or three inches high thin to one foot apart in the drills. When fully grown they should be blanched; this can be done by gathering up the leaves and tying them together at the tips or lay boards over them, keeping them flat.

**Large Green Curled.** (40 days) A hardy variety, broad leaves, blanches white. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**White Curled.** (35 days) Leaves pale green, mid-rib yellow. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Broad Leaved Batavian.** (Escarolle.) (45 days) This is a broad thick-leaved variety, highly appreciated as a salad. Good for cooking like Kale or Mustard. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts

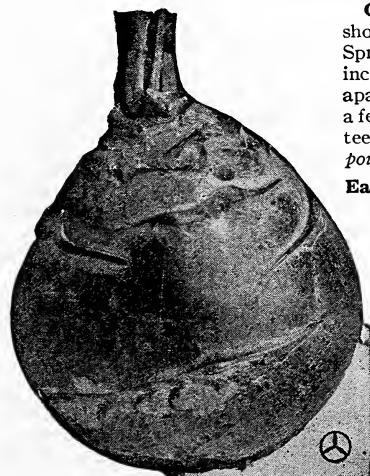
## KALE or BORECOLE



**CULTURE.** Kale is one of the hardiest of "Greens" belonging to the Cabbage family. Sow either in rows or broadcast; for summer and fall use, the seed should be sown in the early spring, or may be sown in August or September for Spring use. *One to two pounds to an acre.*

**Dwarf Green Curled.** (55 days) This is the most popular variety of Kale, dwarf and very hardy. Splendidly curled leaves, excellent flavored. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

## KOHL RABI



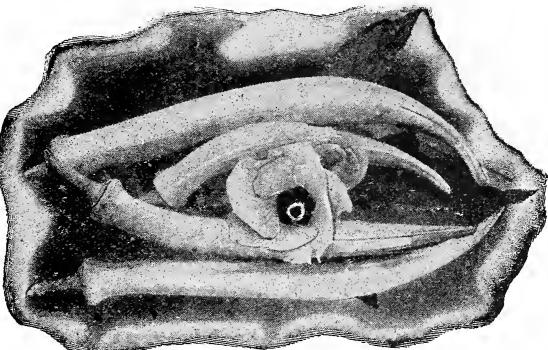
**CULTURE.** The seed should be sown in the Spring three-fourths of an inch deep in drills two feet apart. When the plants are a few inches high thin to fifteen inches apart. *Two pounds of seed for one acre.*

**Early White Vienna.** (50 days) Dwarf, small, early; bulb handsome, firm, glossy white; the best variety for the table, but should be used when young. All varieties are tough and stringy when overgrown. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts.

**Purple Vienna.** (70 days) A fine purple type, much liked for later use. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts.

## OKRA

*One of the best vegetables for Soups.*



**CULTURE.** Seed should be soaked before planting to insure quick and even germination, sow in rows 2 to 3 feet apart and thin to 12 to 18 inches in the row. Gather pods when young. It is delicious in soups.

**White Velvet.** (50 days) A very popular variety producing long, smooth white pods of excellent flavor, very prolific. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

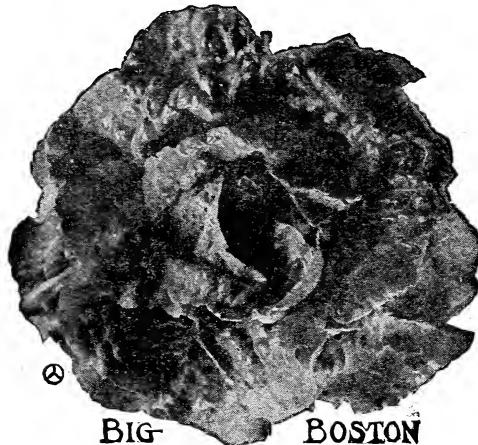
**Perkins Mammoth Pod.** (60 days) A new variety having enormous ridged pods, light green in color, very early and prolific. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 85 cts.

## MUSTARD

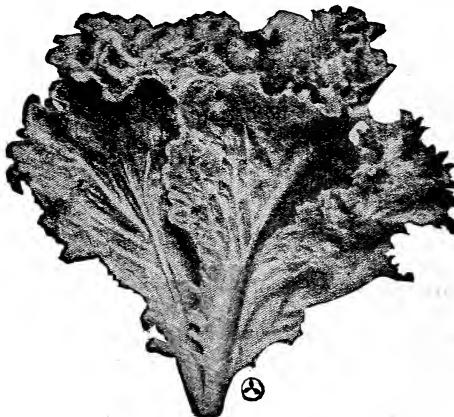
**CULTURE.** For early salads sow in a medium hot bed in March, and for general crop at intervals through the spring, in rows six to eight inches apart, and rather thickly in the rows. Cut it when four inches high.

**Fordhook Fancy.** (50 days) This is the finest of all mustard, curled like an ostrich plume. In fact it is sold sometimes under the name of "Ostrich Plume," splendid flavor, can be cooked any time of the year just like spinach and by many is considered far superior. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.





BIG BOSTON



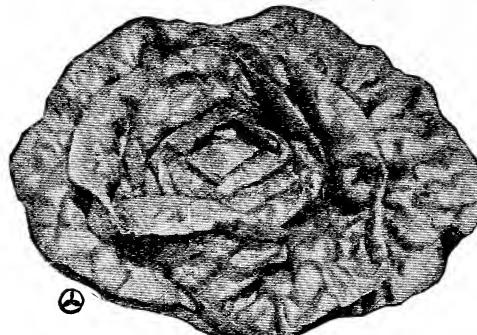
Grand Rapids

## LETTUCE

**CULTURE.** Lettuce seed should be covered very shallow to secure germination, especially the black seeded if sown under glass or in the house. For early spring use sow in September and protect through the winter in cold frames the same as cabbages, or sow in hot beds in March and transplant to open ground as soon as it can be worked. For late supplies sow in the open ground as soon as the season will permit, in rows one foot apart; thin out plants one foot apart in rows. If sown every two or three weeks to the middle of August, it may be had in perfection the entire season. *One ounce will sow 125 feet of drill and produce 3000 plants.* The varieties marked thus \* are black seeded.

**Big Boston.** (45 days) The most popular variety for every purpose on the market. Gives equally good results under glass or in the open. Of the head types it is easily the leader. Leaves are light green and very tender. Our strain of this variety is unsurpassed. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.

\***Black Seeded Simpson.** (40 days) The leaves are thin, tender, and of a light green color; very early. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.



May King

### California Cream

**Butter.** (42 days) A very popular variety of head lettuce. Forms a large head of a rich buttery flavor. Leaves are thick, the outer ones green, slightly tinged with brown. An easy sort to grow and a fine shipping sort. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Denver Market.** (45 days) An early lettuce for forcing or open ground culture. The leaves are beautifully curled and crimped. Crisp, tender and of excellent flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.

**Early Prize Head.** (50 days) Color bright green, tinged with brownish red. It is of superb flavor, tender and hardy. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.

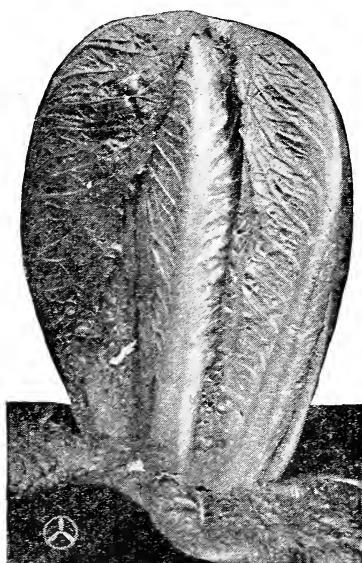
\***Grand Rapids.** (38 days) As a forcing variety for winter and early spring use this stands at the head of the list. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Improved Hanson.** (45 days) Heads large, fine form, deliciously sweet, tender and crisp, color green outside and white within. Intermediate between the loose-leaved and heading varieties. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.

**May King.** (42 days) A large light green heading lettuce which is giving excellent satisfaction. Grown outdoors it is extremely early, maturing handsome heads of good size and unsurpassed in quality and solid enough to make it a good shipper to distant markets. For forcing under glass it is most desirable. A first class all purpose variety. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**White Self-Closing Cos.** (55 days) Of all celery or Cos lettuce, this is the leader.

Beautiful light colored outer leaves, centers blanching to a pure white, very tender and of delicious flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.



Cos Lettuce

# MUSK MELON

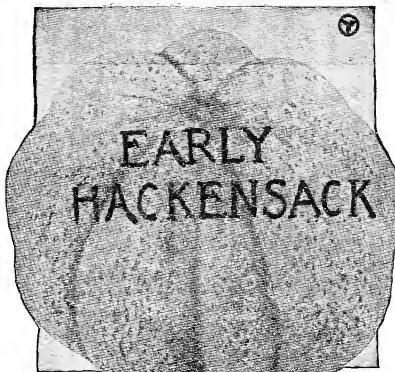


Honey Dew

**Honey Dew.** (Casaba.) (120 days) This is the melon that has been in so much demand, has brought fancy prices in the markets, and is a valuable addition to the melon family. They are nearly round in shape, with a hard, firm rind that enables them to be safely shipped any distance. When ripe the skin is nearly pure white in color, very smooth and entirely free from netting. The flavor is unlike that of any other melon and is sweet as honey. Our seed is the original strain grown in the famous melon district at Rocky Ford, and from fields devoted exclusively to the production of seed. To be grown to perfection, Honey Dew requires rich warm soil and a fairly long growing season. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.00.

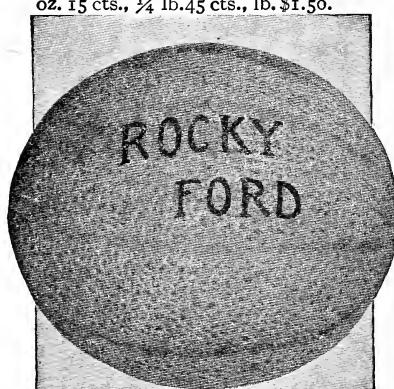
**Early Hackensack.** (60 days) This is an extra early, large, and productive variety. The fruits are deeply netted, flesh light green; of most excellent quality. On account of its earliness this melon is recommended for sections with a short season. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Emerald Gem.** (80 days) A very popular variety with both home and market gardeners. The stem is a dark emerald green, with lighter stripes. Flesh very thick, of a dark salmon color. This variety is considered by many to be very best of all musk melons. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.



**Rocky Ford.** (70 days) Flesh greenish white in color, very juicy and rich and good clear to the rind. It is medium in size, of round, oval form and a most excellent keeper. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Tip Top.** (80 days) This very productive melon is of medium to large size, nearly round, slightly ribbed and fairly well covered with shallow netting. The flesh is deep yellow. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.



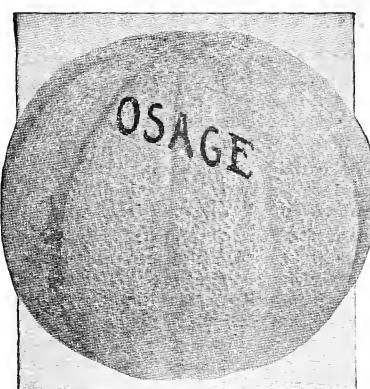
**CULTURE.** Melons should be grown in rich soil. Sow ten to fifteen seeds to each hill, which should be six feet apart each way. When well started thin out to three or four plants, leaving the strongest. *One ounce will sow or plant fifty hills, two or three pounds to the acre.*

**Banana.** (85 days) Makes a long banana-like growth, very fragrant and of delicious flavor. Excellent for the home garden. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.00.

**Burrell's Gem.** (75 days) Well ribbed and covered with a fine grayish netting. The skin is a rich dark green, contrasting finely with the deep orange-salmon colored flesh, sweet and tender. The flesh is thick and firm, ripening close to the skin. Holds up well when shipped and is a good sort for any market demanding the Gem type. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Fordhook.** (70 days) The thick flesh is very firm, salmon in color, and very highly flavored; seed cavity exceptionally small; early and continuous, heavily ribbed, medium in size, weighing about two pounds each. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Osage.** (Selected) (75 days) Of uniform quality, sweet and delicious. The skin is thin, dark green and slightly netted. The flesh is deep salmon and of a spicy flavor. A remarkably good keeper and largely planted for commercial and home use. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.00.



# WATER MELON

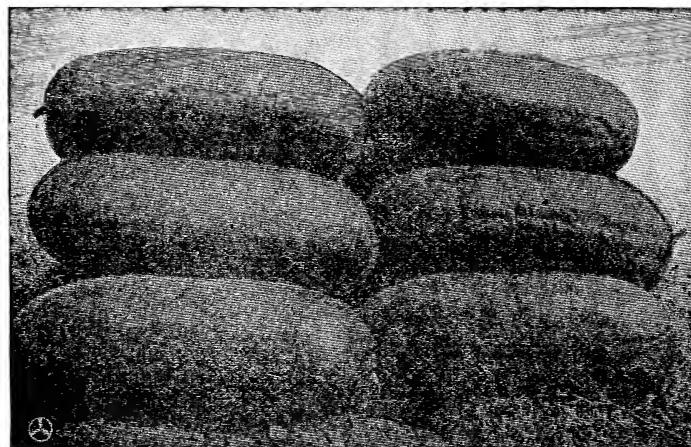
**CULTURE.** Plant in hills eight feet apart each way, using a shovelful of well rotted manure in each hill, thin to six plants to hill; after all danger of bugs is past, further thin to four plants. Bugs may be checked and some cases entirely prevented by applications of "Slug Shot," or air slaked lime dusted over and around the young plants.

*One ounce plants 20 to 40 hills or four pounds for one acre.*

\*White seeded varieties.

**Citron.** (100 days) Red seeded. For preserving. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Cole's Early.** (65 days) A choice melon for the home garden. The flesh is bright red, crisp, sweet and of fine flavor, of medium size, but solid, with thin rind. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



**The Watson**

**Harris' Earliest.** (60 days) In this melon we offer the best variety for northern latitudes. It is the largest and sweetest of all the early melons. Oval to oblong in shape, flesh bright red and tender, very sweet and delicious. The fruits are green striped with gray, and attain a weight of twenty to thirty pounds. Firm hard rind, shipping well. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**Ice Cream.** (85 days) Medium size, nearly round, pale green, thin rind, flesh solid, scarlet, of delicious flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



**Harris' Earliest**

**Dixie.** (85 days) An early variety; asashipper and keeper is unexcelled. The flesh is of bright scarlet, of the finest quality. The melons are dark green, beautifully striped, oblong in shape. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

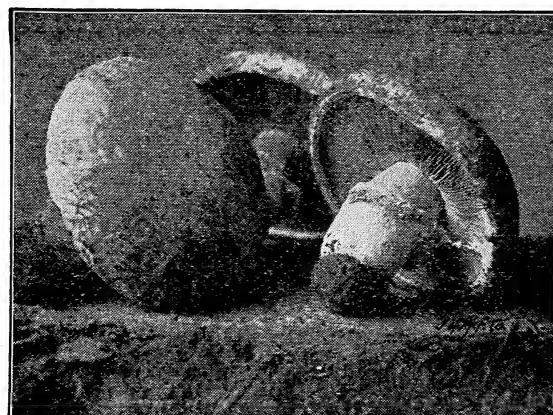
**Fordhook Early.** (60 days) An extra early melon of fine flavor and large size. Color a uniform medium green. Flesh red and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**\*Halbert Honey.** (75 days) The vines are of strong vigorous growth and set fruits very freely, four or five large melons are frequently clustered closely together. They are 18 to 20 inches long and are full and round at both ends. The skin is a dark glossy green and the flesh a beautiful crimson. It is an excellent nearby market melon as well as for home use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**\*Kleckley's Sweet.** (70 days) The skin is a rich, dark green, the flesh bright scarlet, ripening close to the rind. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Sweet Heart.** (90 days) Fruit large, oval, mottled light and dark green. Flesh bright red, solid, tender and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**The Watson.** (90 days) This is absolutely the very best melon introduced to date. Perfect in shape, rind is dark glossy green, very tough and thin, the flesh is dark red, very crisp, no strings and most delicious. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

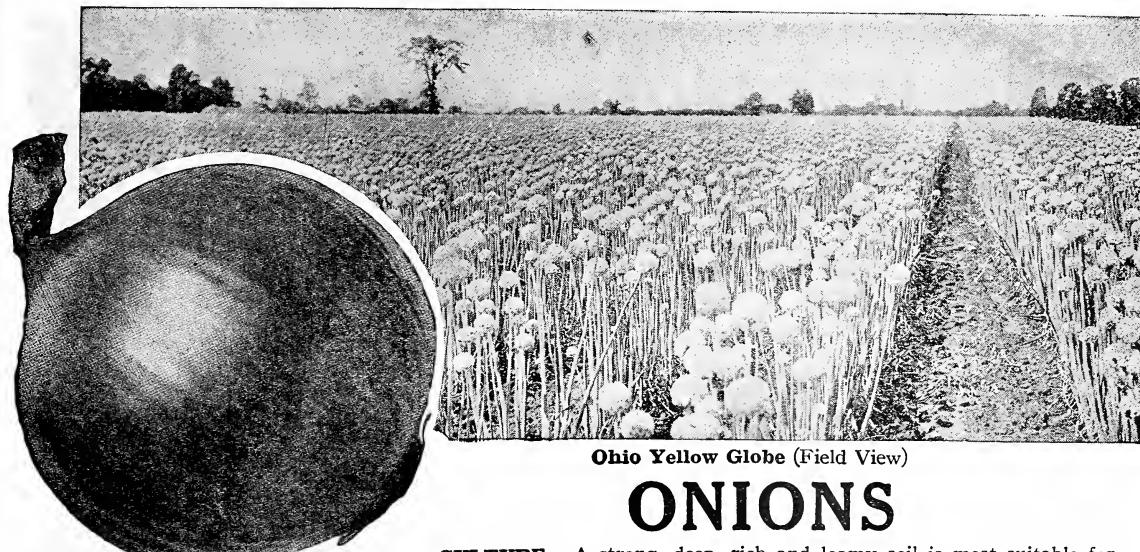


# MUSHROOMS

Nearly everyone has some unused place that might be devoted to mushroom growing. They can be grown in dark rooms, caves, cellars or under greenhouse benches, where the temperature can be maintained at from 50 to 60 degrees.

We furnish with each order a leaflet giving complete cultural directions. One brick is required for ten square feet of bed.

**Lambert's Pure Culture Spawn.** A new departure in the cultivation of mushroom spawn. This method insures the reproduction of a certain type, free from all inferior sorts, that will largely increase the yield and produce the very best mushrooms. 50 cts. per brick. 2 for 90 cts. By express, 5 bricks for \$1.50. 10 bricks or over at 25 cts. per brick.



Ohio Yellow Globe (Field View)

## ONIONS

**CULTURE.** A strong, deep, rich and loamy soil is most suitable for this crop. Muck beds well drained to the depth of two feet give large yields. A black sandy loam is also excellent. The ground should be heavily dressed with well rotted manure, and plowed a moderate depth, taking a narrow furrow in order to more thoroughly mix the manure with the soil; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order harrow it thoroughly and make as fine and level as possible; sow thinly in drills one-fourth inch deep and 14 inches apart. Keep the surface of the ground open and free from weeds but do not ridge up to the growing bulbs. *One ounce will sow 100 feet of drill; four to five pounds per acre for large onions, 50 to 60 pounds for sets.*

**Ohio Yellow Globe. (120 days)** The strain of onions known as Ohio Yellow Globe was developed here in Lake County. It is the finest yellow commercial onion that is grown; of good size, the true globe shape, absolutely free from any neck. This variety makes a solid bulb and is one of the best of keepers. Our strain is the true Lake County type and is very popular with the large onion growers. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.25, 5 lbs. or more (not prepaid) at \$2.00 per lb.

**Large Red Wethersfield. (100 days)** This is a standard variety in the East. Makes a large sized flat onion, deep purplish red in color. The flesh is a purplish white, moderately fine grained and strongly flavored. For markets demanding a red onion this is the variety to grow, as it matures early and is productive. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.25, 5 lbs. or more (not prepaid) at \$2.00 per lb.

**Mammoth Silver King. (80 days)** A large, flat but thick, sweet, silvery white Italian variety. On account of its extreme mildness it is one of the best for salads and eating raw. It matures early; to produce the largest onions transplant into rich soil when the young seedlings are 3 or 4 inches high. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Prize Taker. (100 days)** Although a very large onion, it is hardy, productive and a fair keeper. The outside skin is rich yellow, while the flesh is white, sweet and tender. They bottom well, are free from stiffnecks. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts., lb. \$2.75.

**Southport Red Globe. (110 days)** This is an attractive globe shaped variety, which matures quite early, grows large and is very productive; skin deep red; flesh fine grained. We offer a fine strain from selected bulbs. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts., lb. \$2.75. By express, 5 lbs. or more at \$2.25 per lb.

**Southport White Globe. (120 days)** Commands the highest market price; good shape, clear, white skin. To retain the white color they should be cured in the shade. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

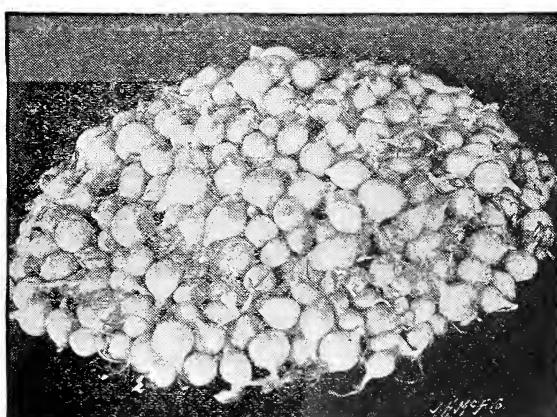
**Southport Yellow Globe. (110 days)** A bright yellow globe, mild flavored, productive and a good keeper. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts., lb. \$2.50. **White Silverskin. (95 days)** This is a small silvery white onion. Just the right size for pickling whole for which it is used almost entirely. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

## ONION SETS

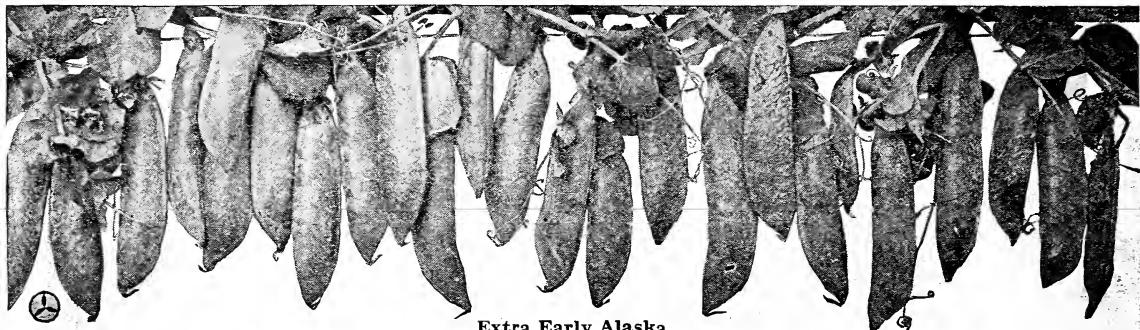
**CULTURE.** Onion sets should be planted out as early as the ground is dry enough to work; plant them in rows one foot apart with sets three or four inches apart. The onions can be used in the green state in June, or they will be ripened off by July. *Plant 300 to 500 pounds to the acre.* Price subject to market changes. Write for quotations on large quantities.

**Yellow.** Lb. 30 cts. 5 lbs. at 17 cts. 10 lbs. or over by express at 15 cts. per lb.

**White.** Lb. 35 cts. 5 lbs at 20 cts. 10 lbs. or over by express at 18 cts. per lb.



Onion Sets



Extra Early Alaska

## PEAS

**CULTURE.** Peas mature earliest in a light, rich soil; for general crop a moderately heavy soil is best. Commence sowing early varieties as soon as ground can be worked, continue for a succession every two weeks until June. Sow the early, second early and late varieties at the same time for a succession. *One pound for fifty feet of drill; 110-175 pounds for an acre.* The wrinkled varieties are more susceptible to cold, wet weather than the small round, hard sorts, hence should not be planted very early except in warm dry locations.

In comparing prices, please bear in mind that our prices are postage paid by us, on pounds and two pounds, and if ordered by express, purchasers may deduct ten cents per pound from prices named. 10 lb. rate is by express or freight, purchasers paying charges.

### EXTRA EARLY SORTS

**Alaska.** (45 days) An extra early hardy pea. Pods of perfect shape, well filled with smooth peas of unrivalled quality. Seed blue, height  $2\frac{1}{2}$  feet. Pkt. 10 cts., lb. 35 cts., 2 lbs. 65 cts. By express, 10 lbs. or more at 20 cts. per pound.

**American Wonder.** (55 days) An early wrinkled pea, growing from 9 to 12 inches high, and producing well filled pods of the finest flavor. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. By express, 10 lbs. or more, 25 cts. per lb.

**Blue Bantam.** (55 days) The dwarf, vigorous vines average fifteen inches in height and carry enormous crops of large deep bluish green pods. The handsome pointed pods, usually borne singly, measure four to four and one-half inches long and are tightly packed with eight to ten extra large luscious peas. Considered one of the best flavored. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts. By express, 10 lbs. or more, 30 cts. per lb.

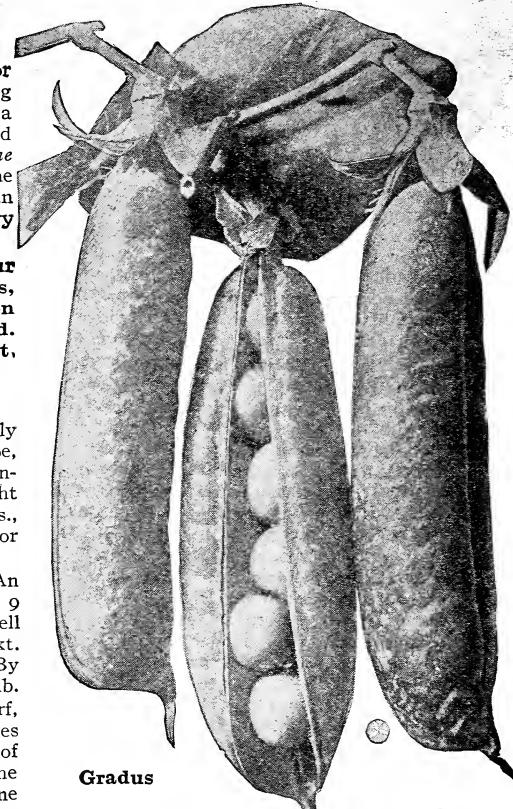
**Everbearing.** (60 days) Grows about 20 inches high; pods of good length; peas very large, wrinkled and in quality unsurpassed. For continuance and profusion of bearing this variety is unexcelled. Pkt. 10 cts., lb. 35 cts., 2 lbs. 65 cts. 10 lbs. or over by express at 20 cts. per lb.

**First and Best.** (50 days) Pods well filled with round, smooth peas of excellent flavor. Extremely early, productive and hardy. Height  $2\frac{1}{2}$  feet. Pkt. 10 cts., lb. 35 cts., 2 lbs. 65 cts. By express, 10 lbs. or more at 20 cts. per lb.

**Gradus.** (55 days) One of the earliest wrinkled peas, very hardy, and can be planted extremely early. The vine grows about  $2\frac{1}{2}$  feet high. Pods large and well filled with good sized peas. Pkt. 15 cts., lb. 45 cts., 2 lbs. 80 cts. By express, 10 lbs. or more, 25 cts. per lb.

**Little Marvel.** (53 days) Popular with market gardeners because of its extreme earliness and productiveness. The large dark green pods are usually borne in pairs. Very dwarf, vines growing only 15 to 18 inches high. Pkt. 15 cts., lb. 45 cts., 2 lbs. 80 cts.

**Nott's Excelsior.** (52 days) This excellent dwarf wrinkled extra early pea is robust and vigorous and produces in profusion handsome pods, closely packed with large peas of fine flavor. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. By express, 10 lbs. or more, 25 cts. per lb.



Gradus

## EXTRA EARLY PEAS (Continued)

**Premium Gem.** (55 days) Grows about 15 inches high and is among the earliest dwarf, abundant green wrinkled sorts. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. By express, 10 lbs. or more at 25 cts. per lb.

**Thomas Laxton.** (50 days) One of the largest podded of the dwarf peas. Matures with the earliest and is of a delicious flavor. Pkt. 15 cts., lb. 45 cts., 2 lbs. 80 cts. By express, 10 lbs. or more at 25 cts. per lb.

## SECOND OR MEDIUM EARLY SORTS

**Dwarf Telephone or Daisy.** (65 days) A medium late pea of dwarf, stocky habit, healthy vigorous growth, and productive, bearing large, handsome pods and peas of highest quality. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. By express, 10 lbs. or more at 25 cts. per lb.

**Horsford's Market Garden.** (60 days) A grand wrinkled sort and a prolific bearer. Pods of medium size; peas of a delicious sweet flavor. Two feet high. Pkt. 10 cts., lb. 35 cts., 2 lbs. 65 cts. 10 lbs. or over by express at 20 cts. per lb.

**Roger's Dwarf Champion.** (65 days) This new pea is one of the finest sorts we have ever tried. Vines make a healthy dark green growth and are well loaded with pods. The peas which are borne crowded in medium sized pods are of the highest quality, possessing the rich flavor of the Champion of England. The growth is very dwarf requiring no support. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. By express, 10 lbs. or more at 25 cts. per lb.

## LATE OR MAIN PEA CROP

**Champion of England.** (75 days) One of the richest and best flavored peas grown; height 3 to 4 feet, seed wrinkled, whitish green and much shriveled. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. By express, 10 lbs. or more at 25 cts. per lb.

**Improved Stratagem.** (68 days) One of the finest dwarf wrinkled peas. Their quality is unsurpassed, vines grow to a height of 18 or 20 inches, do not require staking and are loaded with pods that are crowded with immense dark green peas. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. By express, 10 lbs. or more at 25 cts. per lb.

**Telephone.** (70 days) One of the finest tall wrinkled marrows yet introduced. Vine strong, producing abundantly. The pods are of large size and filled with large delicious peas. Height three to four feet. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. By express, 10 lbs. or more at 25 cts. per lb.

## FIELD PEAS

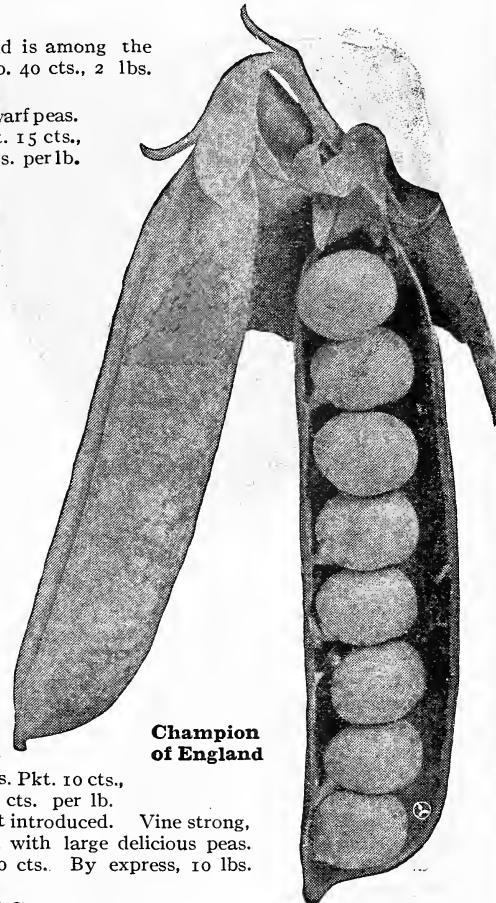
**Canada Field.** (White Seeded.) Valuable for soiling purposes. Sow at the rate of two to three bushels per acre; also sow with oats for green feed; are now quite extensively used for this purpose. 10 lbs. or over by express at 10 cts. per lb. Write for prices on larger quantities.

## PARSNIP

**Culture.** One ounce will sow 200 feet of drill; five pounds for one acre. Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. When well up thin out to five or six inches apart in the rows. Unlike carrots they are improved by frost, and it is usual to take up in fall only a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

**Hollow Crown or Long Smooth.** (85 days) Roots oblong, ending somewhat abruptly with a tap root; best variety for general use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.00.

Champion of England



## PARSLEY

One ounce to 150 feet of drill. Sow in drills one foot apart, in rich, mellow soil; soak the seed 12 hours before sowing, which should be done in early spring, as they are very slow to germinate. When one or two inches high thin out the plants to six inches apart in the rows. Used as a garnish for table, also in soups.

**Champion Moss Curled.** (65 days) A compact growing finely cut and beautifully curled variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Hamburg.** (100 days) (Turnip rooted.) The root is the edible portion and is extensively used for flavoring soups, etc. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



Hollow Crown Parsnip



Chinese Giant

## PEPPERS

**CULTURE.** Sow in a hot bed in April and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows 18 inches apart. They may also be sown in the open ground when the danger of frost is past and the soil is warm and weather settled. Thorough and frequent cultivation should be kept up until frost, by this means you can have a continuous crop. *One ounce will produce 2,000 plants!*

**Chinese Giant.** (130 days) The largest of all the peppers and early. Grows from four to five inches across at the base and equally as long, divided into four large sections. Fruits are of a thick chunky form, very thick and meaty. Fine for stuffing and makes excellent salads. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts., oz. 65 cts.,  $\frac{1}{4}$  lb. \$2.00

**Early Neapolitan.** (120 days) The earliest large pepper. The strong vigorous plants are completely laden with long handsome fruits. The skin and flesh are bright red, they are thick-meated, sweet and mild. For market gardeners and pickling establishments it is of incalculable value. Pkts. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Ohio Crimson.** (120 days) A vigorous, upright growing plant, with large fruits and is more productive than any other pepper on the market. They ripen earlier than any

of the very large fruited sorts, and average heavier as the flesh is unusually thick. The young fruits are a beautiful green, turning red as they ripen, until when matured they are a deep crimson color. Very mild. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts., oz. 65 cts.,  $\frac{1}{4}$  lb. \$2.00.

**Red Cayenne.** (125 days) A long slim pod, rather pointed and when ripe of a bright red color, extremely strong and pungent. Used for pickling and pepper-sauce. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Royal King.** (125 days) Royal King, we believe, is the best sweet pepper that has been produced in many years. It is an exceptionally large fruited variety, thick and meaty. The walls of Royal King are more than twice as thick as those of other sorts. The type is thoroughly fixed, producing uniform fruits both in shape and color. It is very mild—not the least pungent—perfectly sweet. The plants are unusually productive, returning an enormous yield to the acre. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts., oz. 65 cts.,  $\frac{1}{4}$  lb. \$2.00.

**Ruby King.** (130 days) A large and handsome variety. When ripe they are of a beautiful ruby red color, and are always remarkably mild and pleasant to the taste. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Sweet Mountain or Spanish Mammoth.** (120 days) It is very large, smooth and handsome; when mature, a rich red. Flesh thick, sweet, and mild flavored. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

## PUMPKINS

**CULTURE.** Plant in good soil when the ground has become warm, in hills eight to ten feet apart each way, or, as the general practice is with corn, in about every fourth hill. *Three pounds per acre alone or about one pound with corn.* The seeds weigh about 12 ounces to the quart. For remedy against bugs, see cucumbers.

**Green Striped Cushaw.** (75 days) This is one of the finest pumpkins in existence; a long crooked neck, terminating in a round or oblong end, enclosing a very small seed cavity; flesh surrounding seed cavity very thick. The neck is absolutely solid, rivalling the finest sweet potatoes for baking, or as a pie sort, it has no equal. Splendid keeper. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

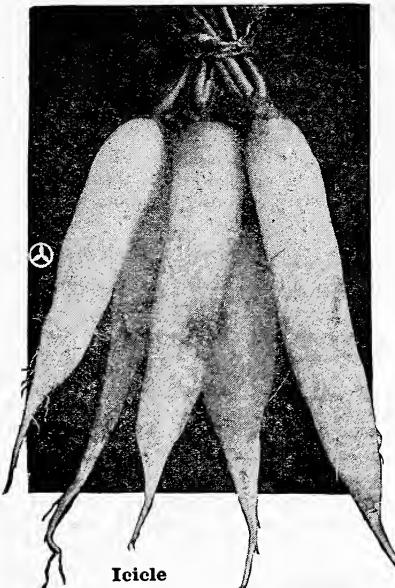
**King of Mammoths. (Jumbo)** (90 days) Largest of all the pumpkins, the fruits growing to enormous size. They often reach 24 inches in diameter, weighing from 100 to 200 pounds. Make excellent stock feed, yet the quality is the best for pies. When ripe, the skin is a rich orange color, flesh thick and yellow, sweet and tender. Mammoth pumpkins may be had by growing on fertile soil and thinning to one vine to the hill. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.

**Large Yellow Field.** (90 days) A large yellow variety. The best for field culture. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00. By express, 5 lbs. or more at 75 cts.



Large Yellow Field

**Sugar.** (65 days) This is a handsome and prolific variety of small size; the skin is a deep orange yellow. It is fine grained in flesh, sweet in taste and an excellent keeper. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



Icicle

**Early Round Scarlet.** (25 days) A small round, red turnip-shaped radish, with a small top, and of very quick growth. An early variety, rich color, crisp and tender. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Early Long Scarlet.** (28 days) Grows six or seven inches long, half out of the ground; is brittle and crisp; color bright scarlet, small top; one of the earliest. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.35.

**Early Scarlet Globe.** (20 days) Fine for forcing and market gardening purposes. Shape roundish oval; large; brilliant red; flesh white, solid, crisp and mild. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.35.

**Early Scarlet Olive.** (20 days) This is an excellent deep red, olive shaped forcing sort, typical in its very small tops, and early maturing roots, which should be pulled just as soon as in condition. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**French Breakfast.** (25 days) A splendid half-long variety of medium size, crisp and tender, of a beautiful scarlet color, with a white tip. This has long been a favorite kind in very general use, and is still one of the best and most popular radishes grown. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

## RADISH

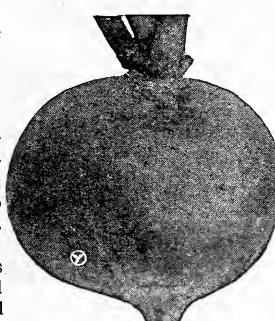
**CULTURE.** One ounce will sow 100 feet of drill, ten pounds required for one acre. For the first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season for a succession. A warm, sandy loam, made rich and light by some good strong manure, will be most likely to afford them brittle and free from worms. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August.

**Cincinnati Market.** (28 days) A fine extra early variety with a long, smooth root and small top. The color is a bright red and transparent; the flesh is tender and delicious, even when full grown. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Crimson Giant.** (35 days) Suitable for forcing or early planting out of doors. A remarkable feature of this radish is that it will grow larger than the other round red forcing radishes, and remain solid longer. Shape is round to oval, and very attractive. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.35.



Cincinnati Market

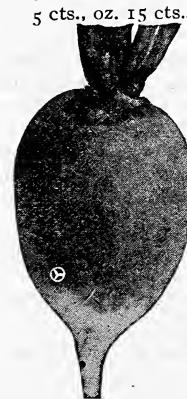


Round Scarlet

**Icicle** (25 days) This variety has short leaves, and makes its growth quickly. The radish attains its best quality at about four inches long and is of transparent whiteness. It is of most excellent flavor, and remains crisp and sprightly long after most sorts would be discarded as too big and tough. Equally desirable for home use and market. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.35.

**Round White Tip Scarlet.** (21 days) An early variety of medium size and excellent flavor, and of handsome appearance. The best of the round varieties. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.35.

**White Strasburg.** (48 days) An excellent summer variety. Pure white, firm and brittle, and of fine quality. Withstands hot weather best of any sort. Slow to become pithy. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.



Scarlet Olive Shaped

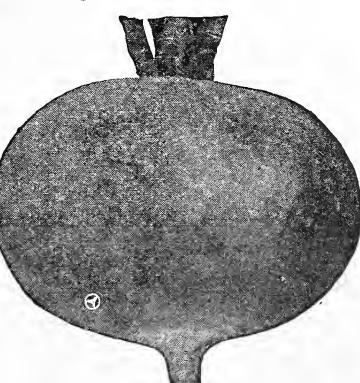
## WINTER RADISHES

Winter radishes are very easily raised and keep like turnips if stored for winter use. The following varieties are the most desirable. These require from two to three months to mature.

**Long Black Spanish.** (72 days) One of the latest and hardest. Roots oblong, black, of large size and firm texture. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

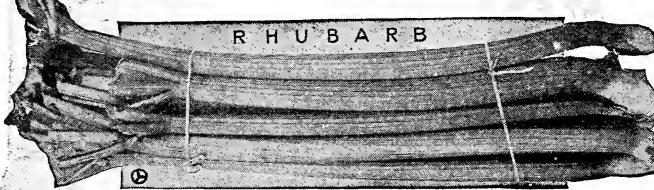
**Rose China Winter.** (60 days) One of the best fall and winter varieties, a favorite with market gardeners; bright rose color, flesh white and of superior quality. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**California Mammoth White.** (65 days) Pure white. The flesh is tender and crisp and keeps well through the winter. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



Crimson Giant

## RHUBARB or PIE PLANT



Sow in spring in seed bed, in drills one foot apart. Cultivate well during the season, and in the autumn or following spring transplant into deep rich soil, from three to four feet apart. The stalks should not be cut before the third year. For immediate use order the roots, which come into use, at once.

**Linnaeus.** Large and tender; the very finest of all. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Roots.** More particularly described in back part of catalog. Every home should have a row of plants for the sprightly, delicious home-made pies. 15 cts. each; \$1.00 per 8 by mail.

## SALSIFY or VEGETABLE OYSTER



**CULTURE.** Sow the seed early in spring, in drills one foot apart and one inch deep, thinning out the young plants to four inches. The roots will be ready for use in October, when a supply should be taken up and stored in moist sand in a cool room. Those remaining will suffer no injury by being left in the ground until spring. *One ounce to 100 feet. Ten to twelve pounds are required for one acre.*

**Mammoth Sandwich Island.** (95 days) The largest, smoothest and the very best in every way of all salsify. Pure white, very tender and of excellent quality. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

## SPINACH

**CULTURE.** Select very rich, well drained soil, sow in drills one foot apart and one inch deep; or it may be sown broadcast at rate of thirty pounds per acre. For spring and summer use make the first sowing early in spring and continue at intervals for two or three weeks, until the middle of June, sow in August and September for early spring use, and protect with a covering of straw during severe winter. *One ounce will sow 100 feet of drill; or ten to twelve pounds to the acre.*

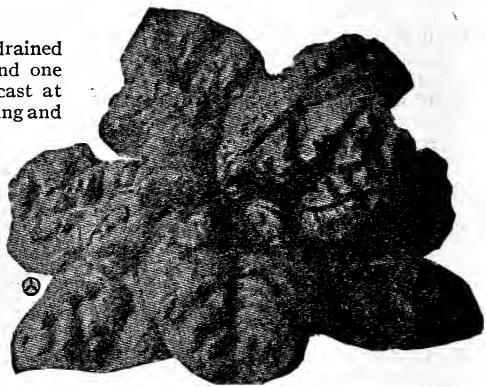
**Round Thick Leaved.** (45 days)

One of the most popular with our market gardeners; leaves large, thick and fleshy; excellent for fall sowing, being very hardy.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Bloomsdale Savoy.** (45 days) In some sections this is the best known variety. The leaves are crumpled or savoyed, hardy, standing out all winter south of the Ohio river. A very desirable market sort. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**New Zealand Spinach.** (55 days) (*Tetragonia Expansa*) Strong growing summer variety. The young branches and leaves can be gathered at any time. Sow thinly in drills 15 inches apart after danger of frost is past. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.



Round Thick Leaf

## MEDICINAL AND POT HERBS

*Herbs in general delight in rich mellow soil. For early use sow in hot-beds in March, transplanting to the open ground when weather is suitable. May also be sown in the open ground in May in rows 12 inches apart. Cover lightly and when large enough thin out to eight to ten inches apart in the row. They should be cut on a dry day just before they come into full bloom and hung where they may dry quickly.*

**Balm.** (*Melissa officinalis*.) The leaves which have a fragrant odor are used in making balm wine, balm tea for fevers and other culinary uses. Pkt. 5 cts.

**Caraway.** (*Carum carvi*.) Biennial. Cultivated mainly for the seeds which are used in cakes, confectionery and medicine. The leaves are also used in flavoring soups. Pkt. 5 cts., oz. 15 cts.

**Dill.** (*Anethum graveolus*.) An annual cultivated for its seeds which have an aromatic odor and warm pungent taste. They are used as a condiment, also in making dill pickles. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40cts.

**Horehound.** (*Marrubium vulgare*.) A perennial herb with a strong aromatic smell and a bitter taste. It is a tonic and the leaves and tops enter largely into the composition of cough syrups and lozenges. Pkt. 5 cts.

**Lavender.** (*Lavendula vera*.) A popular aromatic herb. The flower spikes are dried for their delightful, lasting fragrance. Sow seed thickly and early in the spring as it is slow to germinate. Pkt. 5 cts.

**Sage.** (*Salvia officinalis*.) The leaves and tender tops are used in seasoning dressing and sauces. A medicinal tea is also made from the dried leaves. Perennial. Pkt. 10 cts., oz. 50 cts.

**Summer Savory.** (*Satureia hortensis*.) Used principally for seasoning. Annual. Pkt. 5 cts., oz. 15 cts.

**Sweet Marjoram.** (*Origanum marjorana*.) Used as a relish in soups, broths and dressings. Perennial. Pkt. 5 cts., oz. 30 cts.

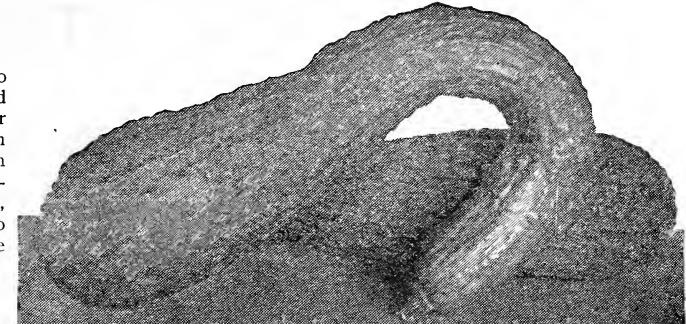
# SQUASH

Any good enriched soil is adapted to the growth of the squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm and thoroughly settled. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants to the hill. For remedy against bugs, see cucumbers.

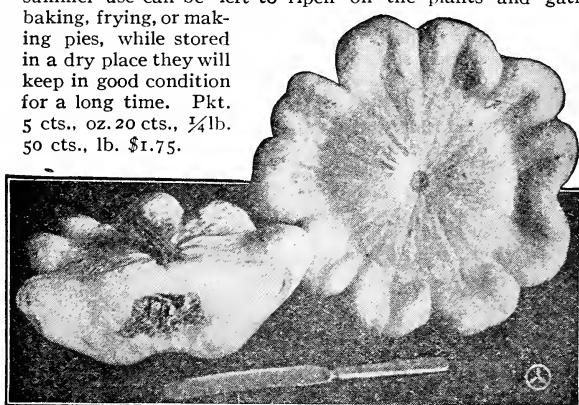
## SUMMER VARIETIES

*One ounce to 25 hills,  
four feet apart each way*

**Bush Fordhook.** (55 days) In this new, true bush type the plants can be grown much more closely together. The fruits are rather shorter and thicker than those of the running type; they are also thicker fleshed and have a smaller seed cavity. An important advantage is that any fruits not needed for summer use can be left to ripen on the plants and gathered for winter use. They are unsurpassed for baking, frying, or making pies, while stored in a dry place they will keep in good condition for a long time. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.



Giant Summer Crookneck



Mammoth White Bush Summer Squash

**Giant Summer Crookneck.** (45 days) Bright yellow, a profitable sort for market, keeps bearing all summer. Plant farther apart than the other bush varieties. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Mammoth White Bush.** (50 days) Of all round scallop or patty pan squashes, this is the very best; not quite as early as Early White Bush, but far superior in size and quality. Fruits round white, deeply scalloped, lobes being in pairs; very tender and delicious. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

We have complaints occasionally from customers as to their squash blossoms falling without fruiting.

The flowers of squash are distinctly imperfect; the male flowers being borne on fool stalks, in proportion of three male to one female, and fall after pollination.

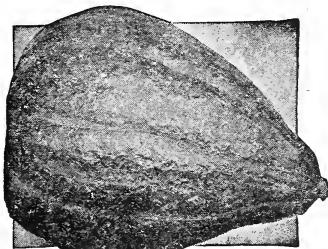
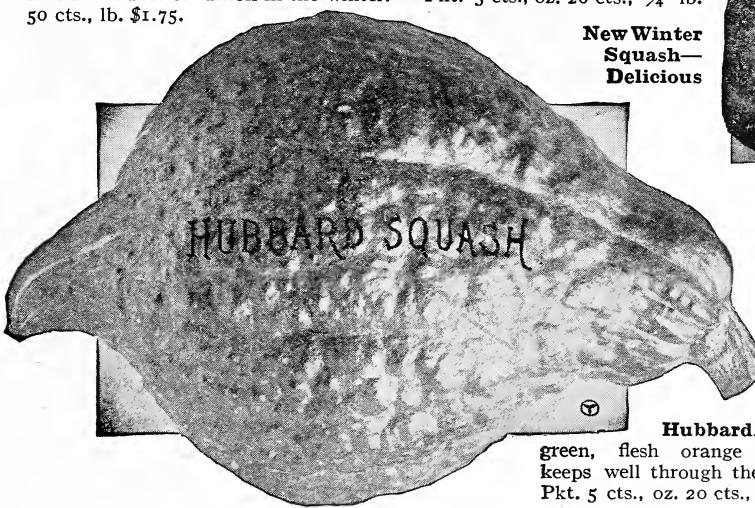
## FALL AND WINTER VARIETIES

*One ounce to 10 hills; two pounds per acre; hills eight or ten feet apart each way*

If the winter varieties are not planted until the latter part of June they are more liable to escape the ravages of the borer.

**Delicious.** (60 days) A squash of the richest and finest quality known. It is of medium size, dark green in color and with very thick flesh which cooks dry, and is of superior flavor. Although a good fall variety it is in its best condition in the winter. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

New Winter  
Squash—  
Delicious



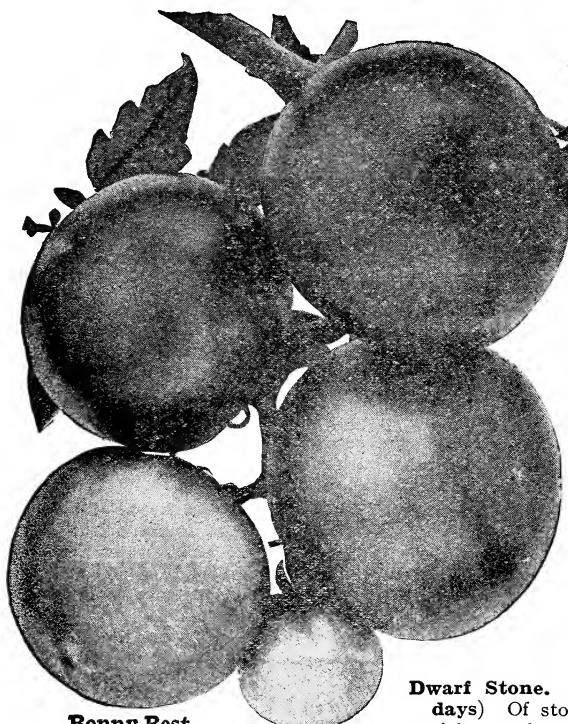
**Golden Hubbard.** (65 days)

A counterpart of Hubbard, except the color is a deep orange, tipped green at each end. The flesh is golden yellow, of excellent flavor and cooks dry. A good keeper; can also be used early in the green state. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.00.

**Hubbard.** (65 days)

Skin deep olive green, flesh orange yellow. Sweet, rich flavored; keeps well through the winter; boils or bakes dry. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.00.

# TOMATO



**Bonny Best**

and of same color, a bright red, while it is as early as the other dwarf varieties, and like them may be planted much closer. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**John Baer.** (85 days) This new exceptionally early tomato has won much praise from all who have tried it. It is very large, free from core and of an attractive bright red color. Very prolific, one plant often having from fifty to seventy-five fruits which are borne in clusters and ripen evenly clear up to the stem, never bursts. Unexcelled for early home or market use. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**June Pink.** (85 days) An early variety, similar in habit to the famous Earliana, differing only in its color, which is pink instead of red. Early, blight resisting, long and heavy yielding. An excellent shipper on account of its reasonably tough skin. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

The choicest Tomatoes are obtained by training the plants to stakes and keeping them pruned. Use stakes two inches square, five or six feet long. The main stem and two branches should be saved, cutting the others off just beyond the first cluster of blossoms. This treatment allows all the fruits to develop to perfection and none are lost from rotting on the ground.

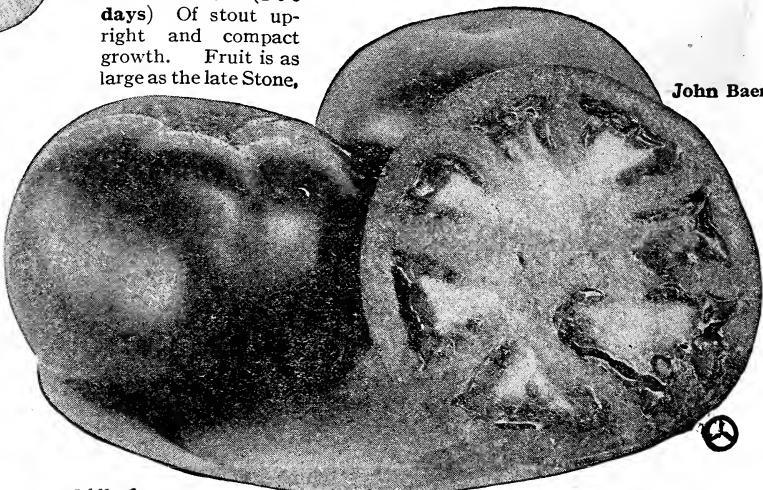
**CULTURE.** Sow in hot beds during March, or from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes, setting them four or five inches apart; give them plenty of air and endeavor to secure a vigorous but steady and healthy growth so that at the time of setting in the open ground they will be strong and stocky. Set out of doors as soon as danger from severe frosts is over. Seed may be sown in the open ground also at this time, and will make strong hardy plants, that will be excellent for late fruiting. *One ounce will produce 3,000 plants.*

**Bonny Best.** (88 days) Large smooth fruit of a rich scarlet red, the color demanded by many markets. Fruit thick, with a small core, an excellent tomato for any purpose. Slices exceptionally well. Nearly globe shaped, slightly flattened at stem. Borne in clusters of 5 or 6 fruits, all ripening evenly together. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Dwarf Giant.** (110 days) The largest of all the dwarf or tree tomatoes. Sometimes called Dwarf Ponderosa, which name well describes it. The fruits are large, smooth and of the finest quality. It is uniform in growth, producing an enormous crop of solid, fine flavored fruit. Its color is the purple-crimson so much desired in some markets. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Dwarf Stone.** (100 days) Of stout upright and compact growth. Fruit is as large as the late Stone,

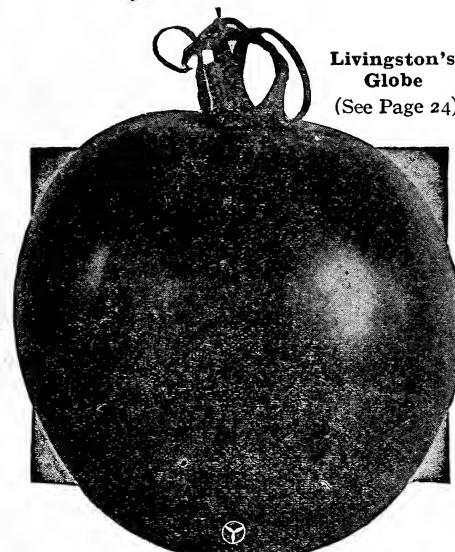
**John Baer**



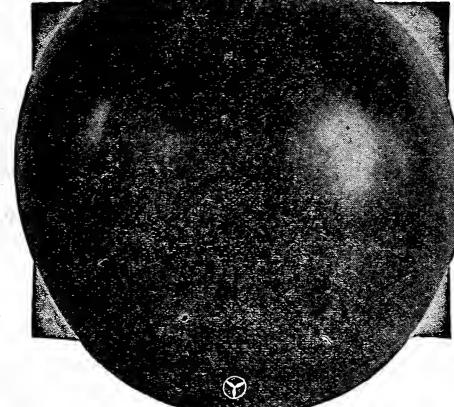
**Livingston's Globe.** (95 days) Large globe shape, always smooth, firm fleshed. With few seeds and ripens evenly. The color is a fine glossy rose, tinged with purple. Matures medium early and is one of the best forcing varieties that we have. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Livingston's Coreless.** (110 days) All of the fruits are of marketable size. Always free from green core; ripens all over and through and right up under the stem, all at once. A grand, good slicing variety; the seed cells being surrounded by bright red, heavy, meaty and delicious flesh. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50.

**Ponderosa.** (110 days) In addition to its ponderous size, it is also very solid, there being but few seeds. In color it is a beautiful crimson throughout. Pkt. 10 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

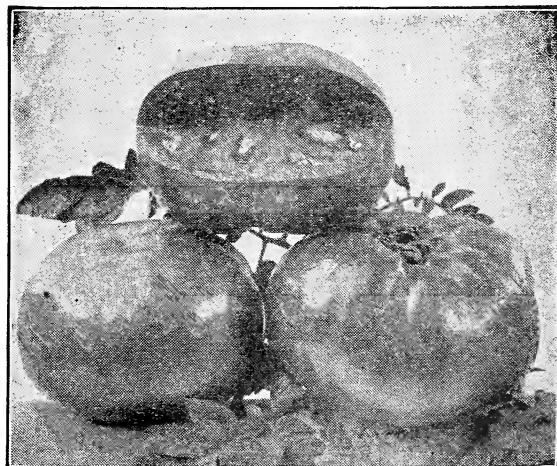


Livingston's  
Globe  
(See Page 24)



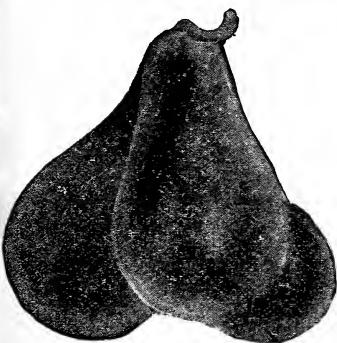
Stone

**Yellow Ponderosa.** (110 days) Identical with Ponderosa in quality and size but produces golden yellow fruits. Like other yellow tomatoes, Yellow Ponderosa is exceptionally free from acid, making it a desirable variety for home use. 1 kt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.



Spark's Earliana

### SMALL FRUITED SORTS



Both varieties, Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Red Pear.** (95 days) Beautiful red pear shaped fruits borne in large clusters.

**Yellow Pear.** (95 days) Fruits a clear, handsome yellow. Very sweet and free from acid.

### TOMATOES—Continued

**Red Rock.** (115 days) In Red Rock we believe we offer the very best main crop red tomato ever offered. Very prolific, borne on strong disease resisting plants, and of excellent quality, very thick fleshed and meaty. One of the heaviest yielders. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Spark's Earliana.** (85 days) Remarkable for its earliness, large size, uniform shape, attractive red color, and productiveness. The fruit is solid and the quality is all that could be desired. The leading early market variety. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Stone.** (125 days) A fine tomato for main crop, for market or canning. The fruit is perfectly smooth, of a beautiful red color and very large.

It ripens evenly, and is free from rot, even in wet seasons when other sorts have rotted badly. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

# TURNIP

One ounce sows 100 feet of drill.

Two pounds per acre in drills 12 to 15 inches apart; one pound two feet apart; three pounds broadcast.

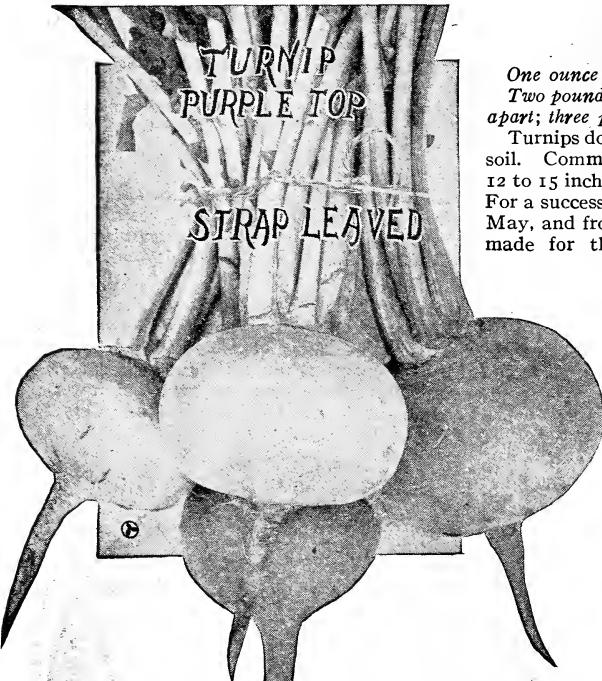
Turnips do best in a highly enriched, sandy, gravelly, or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to six or eight inches in rows. For a succession, sow at intervals of a fortnight until the last week in May, and from the last of July to the end of August sowing may be made for the fall and main crops.

## WHITE FLESHED SORTS

**Early White Flat Dutch.** (40 days) An excellent extra early, flat turnip. Strap leaved, mild flavor, fine quality. To be at their best should be used when small as they are more tender. Also grown for a fall crop. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00.

**Early Purple Top, Strap-Leaved.** (55 days) This is very similar to the Early Flat Dutch, being purple or dark red on top and a few days later. Excellent quality and one of the most popular sorts. Largely grown for market. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00.

**White Egg.** (50 days) In White Egg we offer a quick growing pure white variety that is very popular. Solid, firm, flesh fine grained, cooking up sweet and tender. Egg shaped, skin pure white. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00.

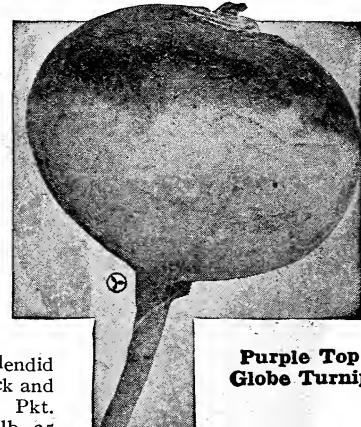


**Purple Top White Globe.** (70 days) This is the most popular turnip grown and is in much demand in all the markets. Of globular shape, very handsome, and of superior quality either for table or stock. It is early, of rapid growth and an excellent keeper. Flesh pure white, skin white with purple top. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00.

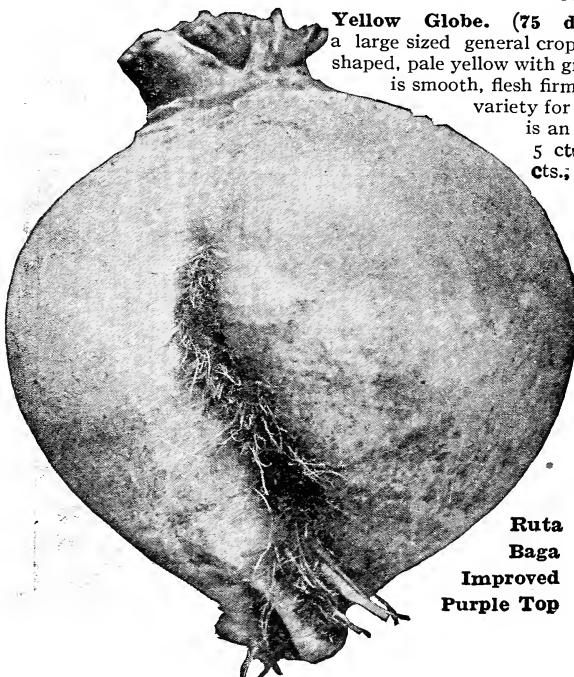
## YELLOW FLESHED SORTS

**Orange Jelly or Golden Ball.** (70 days) A very distinct, round yellow variety. One of the finest sorts for family use. Flesh pure yellow, fine grained, sweet and tender. Does not attain a large size but is firm, hard and of most excellent flavor. Makes an ideal fall crop to store for winter use. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00.

**Yellow Globe.** (75 days) This is a large sized general crop turnip. Globe shaped, pale yellow with green top. The skin is smooth, flesh firm and sweet. A splendid variety for either table or stock and is an excellent keeper. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00.



Purple Top  
Globe Turnip



## RUTA BAGA

**Improved Purple Top Ruta Baga.** (95 days) One of the best of the Swedes; hardy and productive; flesh yellow, sweet and well flavored; shape slightly oblong terminating abruptly, color purple above and yellow under the ground; rich in flavor. A popular market sort. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00.

**Large White Ruta Baga.** (90 days) (Sweet Russian) This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00.

## TOBACCO

**Connecticut Seed Leaf.** This is a popular cigar variety, also largely used for pipe smoking by those who prefer a home cured natural leaf. Makes a large broad leaf and is the only variety largely grown in the northern states. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

# LAWN GRASS SEED

In fitting the ground for a lawn, care should be taken to have the work properly done throughout, as in that condition it will last for years; but if slighted in the beginning it will be a constant source of annoyance and expense. If there is grading to be done, the top soil to the depth of eight or ten inches should be first removed to one side and used in finishing the grade.

The soil should be thoroughly harrowed, then raked to reduce to as fine a condition as possible, as well as to level it, as nothing detracts so much from the appearance of a lawn as an uneven surface. As a fertilizer we would recommend pure bone meal as being lasting in its effects, and free from weed seeds. Apply at the rate of 600 to 1,000 pounds to the acre. After the seed has been sown it should be raked lightly so as to cover it. Sow the seed in the spring as early as possible, the earlier the better, if the soil is in good condition.

**Prices quoted by the pound and 3 pounds are postage paid by us: if ordered by express, deduct 10 cents per pound. Larger quantities are by express or freight, purchaser paying charges.**

## S. & H. CO. LAWN MIXTURES

### Velvet Sod Mixture.

A mixture of fine dwarf, close growing grasses, that will produce a neat velvety lawn and permanent sod in a short time. Weight, about 25 pounds

to the bushel. One pound will seed about 300 square feet; 80 to 100 pounds are required for an acre. Per lb. 70 cts., 3 lbs. \$1.90; postage paid. By express, 5 lbs. at 50 cts. per lb.; 20 lbs. at 45 cts. per lb.

### "Shady Lawn" Mixture

A modification of our famous "Velvet Sod" mixture, designed for use in shady places. Per lb. 70 cts., 3 lbs. \$1.90; 5 lbs. at 50 cts. per lb.; 20 lbs. at 45 cts. per lb.



## STORRS & HARRISON'S RE-CLEANED GRASS SEEDS

We handle only the cleanest and finest grades of grass seed procurable. Values are based on quality, so in comparing prices, please remember that in every instance it is the cleanest and best stock it is possible to obtain. Prices by the pound and three pounds are postpaid. **We do not guarantee prices on Grass and Clover Seeds.** Prices herein are based on values at the time this catalogue went to press and are subject to market changes.

**Kentucky Blue Grass, Fancy Clean.** Also known as June Grass, a valuable variety for lawns when mixed with other grasses, and especially valuable as a pasture grass. *About three bushels to the acre for pasture, 14 pounds to the bushel. Lb. 60 cts., 10 lbs. and over at 50 cts.*

**Red Top Grass** (Unhulled.) Grows well in almost any soil and is valuable either for meadows, pasture or lawns, especially so for moist land. *About two bushels sow an acre, 14 pounds to the bushel. Lb. 40 cts., 3 lbs. \$1.00, 10 lbs. and over at 20 cts.*

**Red Top Fancy.** Re-cleaned seed, 32 lbs. per bushel. Lb. 50 cts., 3 lbs. \$1.35, 10 lbs. and over at 30 cts.

**English or Perennial Rye Grass.** A nutritious, quick-growing grass for meadows and pastures. It does well on sloping banks, as its roots are fibrous and mat-like. 24 pounds to the bushel. Lb. 40 cts., 3 lbs. \$1.00, 10 lbs. and over at 18 cts.

**Orchard Grass.** A valuable grass for pastures, for sowing in orchards or shady places. It grows rapidly and does not suffer from close feeding. *When sown alone three bushels should be sown to the acre. 14 pounds to the bushel. Lb. 50 cts., 3 lbs. \$1.35, 10 pounds and over at 35 cts.*

**Meadow Fescue or English Blue Grass.** Especially suited for permanent pasture and is also fine for hay. Grows two to three feet high but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. As a fertilizer it has valuable properties. It will stand freezing very effectively and its use is becoming more widespread each year. *About 24 pounds of seed are sown to the acre. Lb. 65 cts., 10 lbs. or over at 50 cts.*

# SELECTED CLOVER SEEDS

**Alfalfa.** (*Lucerne*) For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots deeply into the earth. On land that is not naturally rich it needs fertilizing to help it get started. If there is no lime in the soil a top dressing of it should be given when the land is plowed. It should be mowed often enough during first season to keep the weeds down, being careful to cut above the crowns of the Alfalfa plants. Not adapted to low wet land. Lb. 60 cts. Write for samples and prices on larger quantities. *Sow early in spring or fall at rate of 20 pounds per acre.*

**Alsike.** (*Swedish*) An excellent variety, of luxuriant growth and very sweet; valuable for pasture or ensilage especially on moist land; makes good bee forage. *Sow five to six pounds per acre.* Lb. 50 cts. Write for prices on larger quantities.

**Scarlet or Crimson Clover.** Brilliant scarlet flowered annual; very productive and greedily eaten by cattle, remains green longer than the red variety, and is excellent for bee food. Largely used for green manuring, sown in August it may be plowed under the following June. *Sow fifteen pounds per acre.* Lb. 40 cts. Write for prices on larger quantities.

**Sweet Clover.** (*Bokhara*) (*Meliotus alba*) This legume is native to all parts of this country and is the most beneficial of all crops for building up worn out land. Thrives on all soils, but like all clovers requires lime and should be supplied it on land where it is lacking. Makes fine pasture for bees and good quality of hay relished by all stock. Does best when seeded alone. *Sow in spring or fall. Twenty to thirty pounds are required per acre.* Lb. 40 cts. Write for prices on larger quantities.

**White Dutch Clover.** Excellent for lawns in mixtures with grasses. A good pasture clover. *Sow at the rate of six to eight pounds per acre.* Lb. 80 cts., 5 lbs. and over by express at 60 cts.

# MISCELLANEOUS FARM SEEDS

Prices per single pound are postage paid by us; in larger quantities by express or freight purchaser pays charges. Prices subject to market changes.

**Broom Corn.** (*Imp. Evergreen*) This variety is extensively grown on account of the color and quality of the brush, which is long, fine, straight and always green. Grows from eight to ten feet tall. Plant in rows  $3\frac{1}{2}$  feet apart and 3 inches apart in the row. Lb. 30 cts., 10 lbs. and over at 12 cts. per lb.

**Tennessee Millet.** No other plant that has yet been introduced for grass or forage has been able to produce anything approaching the enormous yield of Millet when grown under favorable circumstances. The seed we offer is genuine Tennessee grown, of the finest quality. There is a wonderful difference in true Southern grown Millet when compared with the cheap Western grown. True Southern Millet will produce double the amount of hay produced from Western grown seed. *Sow for feed one bushel to the acre.* Lb. 30 cts., 10 lbs. at 10 cts., 50 lbs. and over at 8 cts.

**Japanese Millet.** This grows six to eight feet high, stands remarkably well, and yields from 10 to 12 tons green fodder per acre. An excellent crop for the silo. It may be sown from the middle of May to the first of July, *broadcast at the rate of fifteen pounds per acre.* Lb. 30 cts., 10 lbs. by express at 15 cts., 50 lbs. and over by express or freight at 12 cts. per lb.

**Hairy Vetch.** (*Vicia Vilosa*) This legume is rapidly springing into favor in the North as a fall soiling crop. Grows luxuriantly and is one of the greatest nitrogen gatherers. Requires no special soil preparation, neither is it particular as to soil, and is therefore very valuable for bringing up poor land. Makes a valuable and nutritious hay. If used for this purpose it should be cut in the spring when seed pods which resemble small peas are just forming. Its feed value is equal pound for pound with prime wheat bran. In the latitude of northern Ohio, Vetch should be sown by September 15, to enable it to get well started that fall. Farther south it may be sown later. *Sow broadcast at the rate of thirty to forty pounds to the acre.* Lb. 45 cts., 3 lbs. \$1.25. Write for prices on larger quantities.



Tennessee Millett

**Rape.** (*Dwarf Essex*) Extensively grown for forage, especially for sheep; makes excellent green feed for poultry. They can be turned into it within six to eight weeks after sowing. Cattle and sheep are apt to bloat if the leaves are wet or they are turned in hungry and allowed to fill themselves. Sow in June or July, in rows two and one-half feet apart, at the rate of *five pounds seed per acre*, or may be sown broadcast at the rate of *eight pounds per acre*; it may be sown in April for an early crop with oats, rape making a rapid growth after the oats are cut. Lb. 40 cts., 3 lbs. \$1.00, 10 lbs. and over at 18 cts., 50 lbs. and over at 15 cts.

**Sudan Grass.** This forage crop is of immense value to the south or any section not sufficiently supplied with rain-fall. It is a great drought resister and makes an excellent quality of hay. Grows from five to nine feet tall, and stools freely when given plenty of room or after cutting. Do not sow until the ground has become thoroughly warm. *16-24 pounds to the acre broadcast, or 4-6 pounds in drills, 18-24 inches apart.* Lb. 35 cts., 3 lbs. \$1.00, 10 lbs. or over by express at 15 cts. per lb.

**Sugar Cane.** (*Early Amber*) The standard variety for the North. The beautiful amber colored syrup it produces is thought to be superior in flavor to any other, and for sugar is unsurpassed. Valuable as a forage plant. Makes excellent milk-producing feed either green or dry. *Six pounds are required per acre in rows, or 40 to 50 pounds broadcast or drilled.*  $\frac{1}{4}$  lb. 15 cts., lb. 30 cts., 25 lbs. and over at 10 cts.

# HANDY SPRAY PUMPS

To successfully cope with enemy destroyers of plant life, one must have proper weapons. Following are a few of the simpler and most effective pumps for spraying the various kinds of bug death, or prevention.

## Cog Gear Bucket MYERS BUCKET PUMPS



Constructed entirely of brass, with malleable iron foot rest. Will throw a solid stream 50 feet; valuable for spraying trees, washing windows or buggies, extinguishing fires, sprinkling lawns or flowers, etc. One superior feature is the extra jet for keeping the spray material mixed and agitated.

**COG GEAR.** (No. R-324) 1½ inch brass cylinder and patent cog-gear handle makes easy work and extra capacity. Price: The pump, with agitator, complete with detachable hose and graduating fine, sprinkling and solid stream nozzle..... \$7.00

**LITTLE GIANT.** (No. 327½) Special feature is the arrangement of air-chamber and cylinder side by side which makes the down stroke do all the work; thus relieving any upward pull on the bucket. Spray is continuous regardless of plunger action. Price: The pump, with agitator, complete with hose and combination fine, coarse-spray and solid-stream nozzle..... \$4.75

## MYERS 10 FT. BAMBOO EXTENSION

FIG 1536 BAMBOO PIPE EXTENSION

Made of selected Bamboo, 10 feet long, through which runs a special brass tube 5-16 inch in diameter, with threaded shut-off lever and male end, and safety drip shield..... \$5.50

## THE FEENY DUST GUN



This mechanically perfect apparatus has been proven by years of comparative test, and by verdict and award of two World Fairs, to be absolutely the best and most practical instrument for projecting dry powders ever manufactured. It is strong,

## INSECTICIDES and FUNGICIDES

**ARSENATE OF LEAD POWDER.** A chemically accurate combination of Arsenic which is the poisoning agent, and Lead which serves to hold the poison upon the foliage and also counteracts possible damage to the leaf itself. An efficient destroyer of all-eating insects which attack either fruit or shade trees, shrubs, flowers or vegetables. 1 lb. cartons, 75 cts. each; by express only.

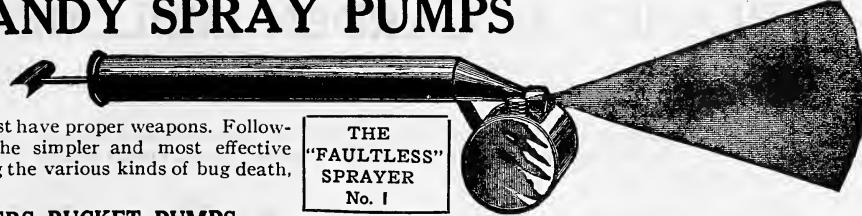
**BORDO POWDER.** A highly efficient powdered form of Bordeaux Mixture; non-poisonous, but of great effectiveness when applied against fungus of all kinds. 1 lb. cartons, 75 cts. each; by express only.

**"NICO-FUME LIQUID."** A highly concentrated liquid Nicotine solution for fighting sucking insects, such as Thrip, Aphid and Spider. Used according to directions, in a fine spray and with as much force as possible, it makes a very effective and inexpensive insecticide. Being highly poisonous, it must be stored in a safe place away from children. Can be shipped in express or freight orders only, not mailable.

¼ lb. can..... \$0.75 The proportion for spraying is one 1 lb. .... 2.35 to two teaspoonsfuls added to a gallon 4 lb. .... 8.50 of water.

**SULPHO-TOBACCO SOAP.** Useful for ridding house plants of bothersome insects. Especially efficient in removing scale from Palms and Ferns. Small cakes, enough to take care of the ordinary plant collection, by mail, postpaid, for 20 cts.

THE  
"FAULTLESS"  
SPRAYER  
No. 1



## THE "FAULTLESS" SPRAYER No. 1

Above is absolutely the best small, simple mist sprayer for general use against insects, on the market. Made of tin, substantially jointed and reinforced; greatest durability and spraying force in its class. Adapted for throwing either liquids or dry powder. Price, 75 cts. each, or \$1.00 postpaid.

## MYERS GALVANIZED (No. 330) KNAPSACK SPRAY PUMP

Adopted and recommended by the U. S. Government as the best distributor of disinfectants for mosquitos and other poisonous insects.

The galvanized tank holds 5 gallons, and is fitted with lid and strainer which can be removed. The pump is the regular Myers Brass Bucket Spray Pump, with large, air-chamber, brass ball valves, solid plunger and agitator. It is so arranged that no water can drip on the operator. The pump is also fitted with handle so the operator can use it the same as tank with bucket pump. The handle lever can readily be shifted from one shoulder to the other at will. Price: Pump and tank with bucket pump..... \$12.50

shifted from one shoulder to the other at will. Price: Pump and tank with bucket pump..... \$12.50

## DUST GUN

efficient, simple and neat in construction: a child can operate it; and it will last a life-time with reasonable care. It is intended for dusting powders only—and the operator must see to it the powder is perfectly dry and without lumps. The dust (as blown from the Feeny Dust Gun) is so light, fine and uniform that it comes out in a cloud and spreads over the plant more rapidly than wet sprays can be applied. Foliage and fruit are covered with the protective dust very thoroughly and effectively; and the danger of "burning" is reduced to a minimum. In addition to the two powders we list below, this gun handles perfectly, Paris Green, Tobacco Dust, Sulphur, Lime, etc.; as well as various powders directed against poultry vermin, flies and house pests. By express, \$2.50 each; by mail, post paid, \$3.00.

## PLANT FOOD STANDARD Flower and Garden FERTILIZER



A powerful, highly concentrated and soluble plant food for flowers, house plants, shrubbery, trees, gardens, truck lands and lawns. Will revive those puny, pale and sickly specimens.

Promotes luxuriant growth; increases the yield; imparts a deep green color to foliage and brilliancy to flowers.

So strong that a pinch will intensely fertilize a house plant, a one-pound package 200 square feet; five pounds dissolved in 125 to 150 gallons of water will fertilize 1000 square feet of lawn.

Odorless. Can be used dry or dissolved in water.

Full directions in every package.

### PRICES

½-lb. pkg. (postpaid)...	\$0.40
1-lb. pkg. (postpaid)...	.70
5-lb. pkg. (postpaid)...	2.00
25-lb. bag. (By express)...	5.00

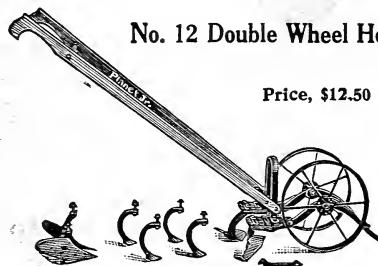
# PLANET Jr. GARDEN IMPLEMENTS

**Planet Junior Tools** are the greatest savers of time, labor and money, ever invented. They enable you to take care of more ground, do it better and easier, produce bigger and better crops. The first cost is the only expense. They last a lifetime.

**Large Planet Jr. catalogue** sent free upon request. Describes 70 various tools, including Seeders, Wheel-hoes. Horse-hoes, Harrows, Orchard and Beet Cultivators. A request on a postal brings your copy. Prices subject to change.

No. 12 Double Wheel Hoe

Price, \$12.50



THIS perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. The tools shown and sold with No. 12 are what gardeners use most, and others can be added as wanted.

No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

Price, \$23.00



THIS combined machine is intended for a class of gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate wheel hoe. As a wheel hoe it is identical with the No. 12 Double Wheel Hoe, the best machine on the market. The change from drill to wheel hoe takes but a moment, and the entire combination is one we can recommend and guarantee satisfactory.

No. 31 Combined Drill and Single Wheel Hoe

Price, \$15.50

As a Seeder only  
(No. 31D) \$13.00



NO. 31 PLANET JR. is a new combined tool of great value to thousands of gardeners who have never felt able to own either a seed drill or a wheel hoe. It is thoroughly well-made and offered at a price that makes it pay the smallest gardener.

No. 33 Planet Jr. Single Wheel Hoe

The No. 31 without Seeder

Price, \$6.50



No. 19 Planet Jr. Single Wheel Hoe

Price, \$6.25



THE whole combination will delight the suburbanite or the boy who knows that a certain amount of garden work is to be part of his service. Women, younger or older, will find in this tool a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow

Price, \$19.50  
As a Seeder only  
(No. 4D) \$15.50



THIS admirable tool combines in a single convenient implement a capital hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder sows in continuous rows or drops in hills at five different distances. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

Price, \$10.25



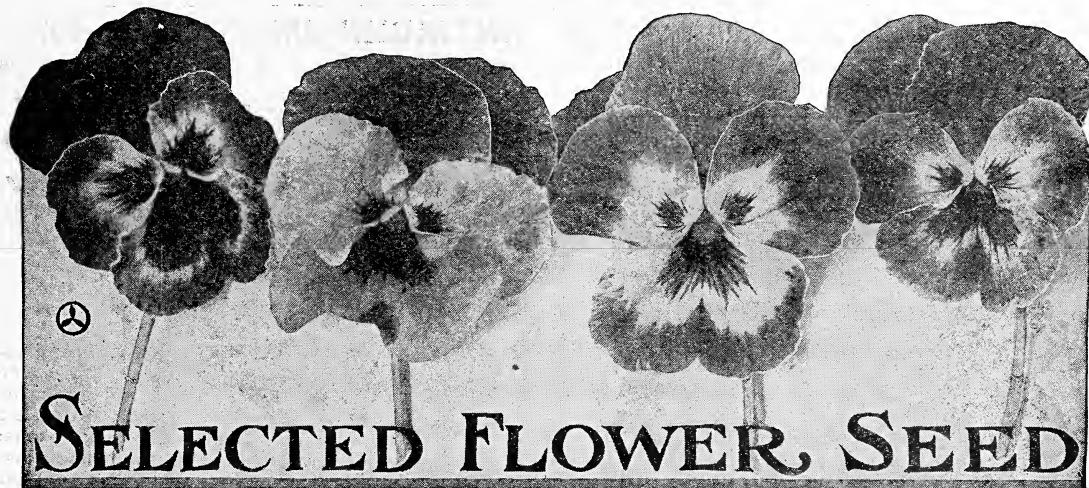
THE highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way.

No. 17 Single Wheel Hoe, Cultivator, Rake and Plow

Price, \$8.75



THIS single wheel hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. The tools are a well-shaped plow for marking out, plowing, covering, and late cultivation; a pair of 6-inch shield hoes and three all steel cultivator teeth.



# SELECTED FLOWER, SEED

Flowers are enjoyed by everyone and are so easily raised from seeds that any home can have an abundance of blossoms during the entire year. Those we offer in the following pages are the products of the best American and English growers. No better strains are to be obtained at any price. Clear and complete directions for sowing are printed on each packet.

Flowers are usually known as **Annuals**, **Biennials** and **Perennials**.

**Annuals** bloom and ripen seed the first year and then perish.

**Biennials** do not generally bloom the first year and are in perfection the second year only.

**Perennials** flower several years in succession, many blooming the first year from seed sown early, and are used for permanent plantings.

**Hardy Perennials** and **Biennials** may be sown either in early Fall or Spring and require no protection through the Winter. **Hardy annuals** may be sown either in late Fall or Spring.

**Half Hardy Annuals**, **Biennials** and **Perennials** can not be sown in open ground until warm weather; they may if desired be started early inside and transplanted afterwards. The latter two need protection in Winter or may be carried through in cold frames or greenhouses.

We are often asked to name the various Flowers suitable for cutting and to answer this query we have designated all such sorts with this character ☺

## FLOWER SEED COLLECTIONS

Before the opening of the shipping season, we put up great quantities of the collections named below. The varieties cannot be changed from the ones named for the above reason.

These contain the very best seeds and of the varieties that invariably give the greatest satisfaction; they aid in making the flower garden a success for the reason that they are all proven kinds.

### 20 PKTS. BEAUTIFUL, FREE FLOWERING, EASILY GROWN ANNUALS

**Coll.**

**C**

Asters, Choice Mixed.

Alyssum, Sweet.

Antirrhinum, Giant Mixed.

Bachelor's Button, Mixed.

Balsam, Double Camellia Flowered, Mixed.

Cosmos, Mixed.

Larkspur, Mixed.

Morning Glory, Choicest Mixed.

Marigold, Mixed.

Pinks, Double Choice Mixed.

Mignonette, Large Flowered.

Nasturtium, Tall, Finest Mixed.

Nasturtium, Dwarf, Finest Mixed.

Pansies, Mixed.

Poppy, Annuals Mixed, Double.

Petunia, Finest Striped and Blotched.

Phlox, Grandiflora, Fine Mixed.

Sweet Peas, Mixed.

Verbena, Extra Choice Mixed.

Zinnia, Fine Mixed.

POSTPAID  
FOR

**50**  
CENTS

### OUR "LITTLE FOLKS" COLLECTION of FLOWER SEEDS

ONE  
PACKET  
OF  
EACH

All children love flowers and take great pleasure in having their own plot of ground to work. We have selected this collection of easily grown annuals especially for the children. Each packet is full sized and contains a generous amount of seed.

Asters, choice mixed.

Candytuft, mixed.

Phlox, mixed.

Sweet Peas, Mammoth, mixed.

Dwarf Nasturtium, choice mixed.

Marigold Mixed

Mignonette, large flowered.

Poppy Double, mixed Paeony flowered

Zinnias, Double, mixed.

Petunia, fine mixed.

POSTPAID  
FOR

**25**  
CENTS

## AGERATUM

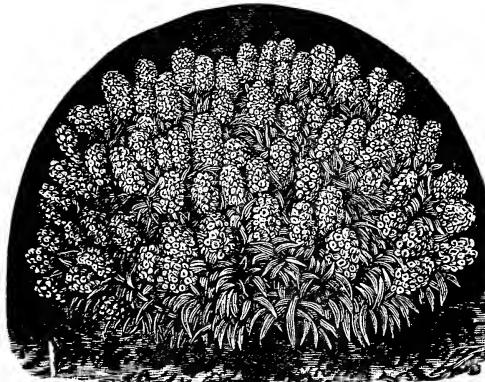


Their flowers are little fluffy, bristly balls of color in sizeable clusters, liberally supplied from early summer until autumn. Being low and compact, they are mainly utilized for edgings or narrow borders. Half hardy annual.

**Mexicanum Mixed.** 2 feet. Both blue and white flowers. Pkt. 5 cts.

**Tom Thumb.** 6 inch. Dwarf and compact, particularly valuable for edging; bright blue. Pkt. 5 cts.

## ALYSSUM



Hardy annual. Probably the whitest of all white edging plants; their density, compactness, long season and sweet scent making them very practical for use not only in borders, but for cutting, vases and basket work as well. For borders, sow thickly; for winter bloom, sow in August and transplant to pots.

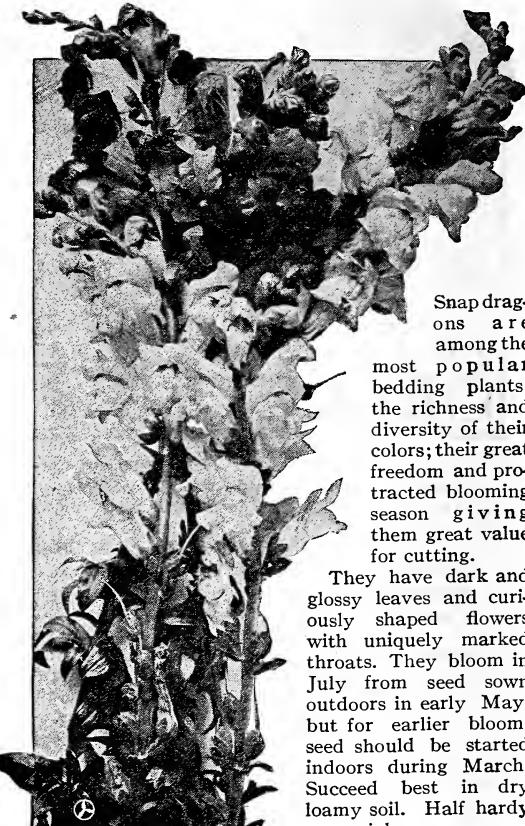
**Little Gem.** Makes a perfect "carpet of snow" not over four inches in height, commencing to bloom in spring when very small, and continuing without interruption until late fall. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Sweet Alyssum.** Not over six inches high on account of its trailing habit; very sweetly fragrant. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 10 cts., oz. 35 cts.

## AMARANTHUS

**Tricolor.** (Joseph's Coat) Beautiful foliage plants growing three to five feet high with ornamental leaves, variegated in red, yellow and green. They are useful as borders for taller growing plants or for the centers of dwarfer beds. Should be grown in warm sunny situations and given plenty of room to develop. Pkt. 5 cts.

## ANTIRRHINUM © (Snap Dragon)



Snap dragons are among the most popular bedding plants; the richness and diversity of their colors; their great freedom and protracted blooming season giving them great value for cutting.

They have dark and glossy leaves and curiously shaped flowers with uniquely marked throats. They bloom in July from seed sown outdoors in early May, but for earlier bloom, seed should be started indoors during March. Succeed best in dry loamy soil. Half hardy perennial.

## MAJUS GRANDIFLORUM

An improved, very large flowered strain especially suited to forcing for long stemmed cuts; about 2 feet.

**Album.** Glistening, waxy white. Pkt. 10 cts.

**Atrococcineum.** Brilliant scarlet. Pkt. 10 cts.

**Carmine Rose.** A very rich tone. Pkt. 10 cts.

**Coral.** Soft, pleasing shade of red. Pkt. 10 cts.

**Light Rose.** Dainty silvered pink. Pkt. 10 cts.

**Luteum.** Bright yellow. Pkt. 10 cts.

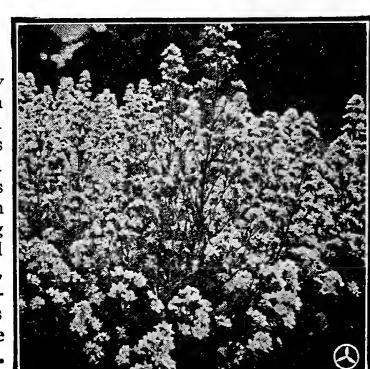
**Venus.** Delicate rose with white throat. Pkt. 10 cts.

**Majus Grandiflorus Mixed.** Pkt. 5 cts.,  $\frac{1}{4}$  oz. 30 cts.

**Majus Grandiflorus Nanus.** Dwarf growing (about 18 inches), but with equally large flowers as the type, in a fine color mixture. Being more compact, is particularly good for bedding. **Mixed.** Pkt. 5 cts.,  $\frac{1}{4}$  oz. 25 cts.

ANCHUSA  
DROPMORE

Grows bushily to 4 or 5 ft. with broad, rough foliage. Breaks out all over with showy clusters of deep gentian blue, in spring an almost solid mass of color, with intermittent flashes throughout the summer. Pkt. 15 cts.

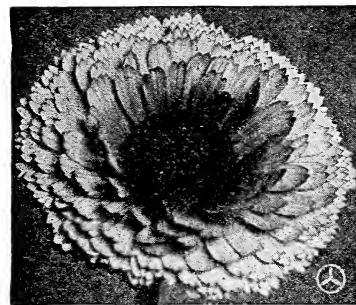




Anemones



Aquilegia



Calendula



Coreopsis—Page 35

**ANEMONE ◎ (Windflower)**

**Coronaria.** (Poppy Anemone) A delightful type belonging to the early and late fall. Its bloom is solitary, but numerous, large, on slender stems, ideal for vase bouquets. Perennial, blooming the first year if sown early and shaded until plants appear. Mixed colors. Pkt. 10 cts.

**AQUILEGIA ◎ (Columbine)**

The general appearance of Columbines with their deep cut, round-lobed foliage and nodding flower stems, expressing so many lovely shades of color, is graceful, airy and distinctive, typical of spring time. They are used liberally in low borders to offset any appearance of formality; and provide an unfailing succession of cut flowers, well into summer. Hardy perennial.

**Chrysanth. Long spurred yellow flowers.** Pkt. 10 cts.

**Cerulea.** Sepals blue, petals white. Pkt. 10 cts.

**Long Spurred Hybrids.** A choice mixture of long spurred varieties in various shades of color. Pkt. 10 cts.

**Mixed Double.** Best colors. Pkt. 5 cts.

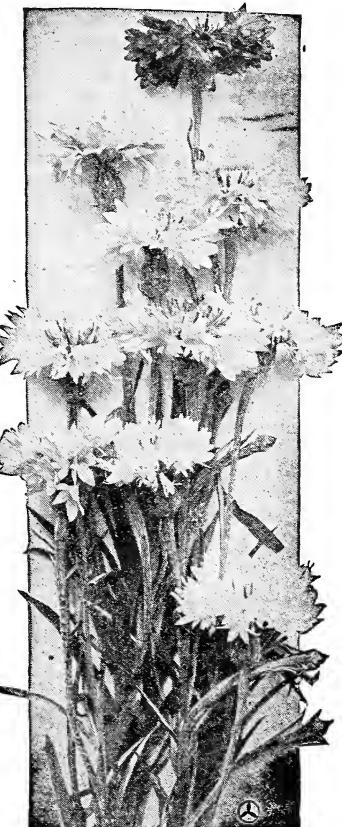
**ASTERS** See Pages 34 and 35,**BACHELORS BUTTON ◎**

These grand old-fashioned flowers make magnificent borders and grow to perfection in almost any good garden soil. Hardy annual.

**Single Mixed.** Pkt. 5 cts.  $\frac{1}{4}$  oz. 20 cts.

**Double Mixed.** Pkt. 5 cts.,  $\frac{1}{4}$  oz. 20 cts.

**Double Blue.** Excellent for cut-flowers. Pkt. 5 cts.



Bachelors Button

**BALLOON VINE**

"Love-in-a-Puff." A rapid growing annual climber; bears small, white flowers, followed by inflated seed-pods resembling balloons. Pkt. 5 cts.

**BALSAM****(Impatiens Balsamina)**

Tropical plants, thriving in hot weather, if planted in good soil and well watered. Should be set about 18 inches apart. They grow up quickly and surely, from seed in the open during May. If wanted early sow in-doors and transplant. This has a tendency to dwarf the plants, making them more satisfactory. Tender annuals.

**Giant Camellia Flowered Mixed.** The large, double, gaudily colored flowers are set like Hollyhocks along the 2 ft. stems, with slender leaves protruding. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**CALENDULA ◎**

Hardy annuals about one foot high, that produce a wonderful profusion of flowers, ranging in color from ivory to orange. Valuable for bed and borders. Bloom until late fall.

**Choicest Mixed.** All colors. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 15 cts.

**Orange King.** Large double flowers of a dark orange-red color. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 15 cts.



Balsam—White Perfection

# ASTERS

Asters are one of the most popular and easily grown of all our annuals. By making a sowing of each of the various sorts, a continuance of flowers may be had from early Summer until frost. For early flowers, sow the seed in house or green-house during March or April and transplant to the open ground in May. For later flowers, which are the finest, sow the seed thinly in the open ground early in May, transplanting as soon as the plants are large enough. Half hardy annuals.

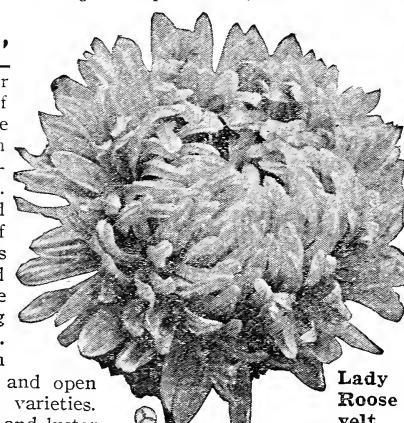
## EXTRA EARLY EXPRESS (Comet)

These extra early Asters, of the well known Comet type, are the largest early Asters grown. Well developed flowers range from  $3\frac{1}{2}$  to 4 inches across, very free of yellow centers and borne upon stems of good length. Plants reach a height of about 18 inches. Finest of all the Asters for early large sized blossoms. **Lavender.** Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts. **Rose.** Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts. **White.** Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts. **Mixed.** Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts.

**Admiration** This wonderful Aster introduced by us a few years ago continues to increase in favor and is our most popular variety. It is a strong robust grower, doing well under all conditions and exceeds the Asternum in size of both plants and flowers. Densely double flowers of a bright pink carried on long straight stems. Centers are entirely covered. Makes the finest kind of a cut-flower. Pkt. 15 cts., 2 pkts. for 25 cts.

## NEW ASTER "Heart of France"

The best pure red Aster ever introduced. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The flowers are large and full, with never a trace of hollow center. The plants are of branching type and very robust habit. The stems are long and strong and have very few laterals. The plants begin to bloom quite early in the season and open fully with the midseason varieties. They retain their brilliancy and luster for a longer period than any other color. Pkt. 20 cts. 2 pkts. for 35 cts.



Extra Early Express Asters

## LADY ROOSEVELT

One of the finest of recent introduction; perfect in shape; color a magnificent rose-pink; long strong stems and for cutting has no superior. Our seed comes from selected stock and is of first quality. Midseason. Pkt. 15 cts., 2 for 25 cts.,  $\frac{1}{8}$  oz. 40 cts.

## LAVENDER GEM

A true lavender of splendid shape, borne on long strong stems, very early, of Comet type and an ideal cutting variety. Pkt. 10 cts.,  $\frac{1}{8}$  oz. 40 cts.

## THE MIKADO ASTERS

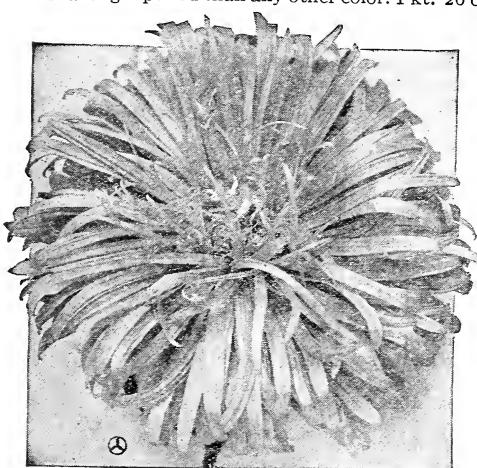
This type is among the largest and most showy of all Asters. Petals narrow, very long and gracefully reflexed, the outer ones showing to their full extent, while those in the center bend and curl across each other so as to give the entire flower an attractive fluffy appearance. The flowers grow to gigantic size, averaging six inches in diameter when grown under good cultivation.

**Lavender.** A delicate shade of lavender. Large immense flowers produced upon exceptionally long stems. One of the best for cut flowers. Pkt. 10 cts., 3 pkts. for 25 cts.,  $\frac{1}{8}$  oz. 35 cts.

**Pink or Rochester.** An exquisite shade of shell pink; resembling the Enchantress Carnation. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{8}$  oz. 35 cts.

**White.** Identical with the above except in color which is a pure white. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{8}$  oz. 35 cts.

**Mixed.** Mixture of above colors. Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts.



The Mikado Asters

**"Crego" White**

variety for bedding. 1½ to 2 feet. Pkt. 15 cts. Two pkts. for 25 cts.

### QUEEN OF THE MARKET

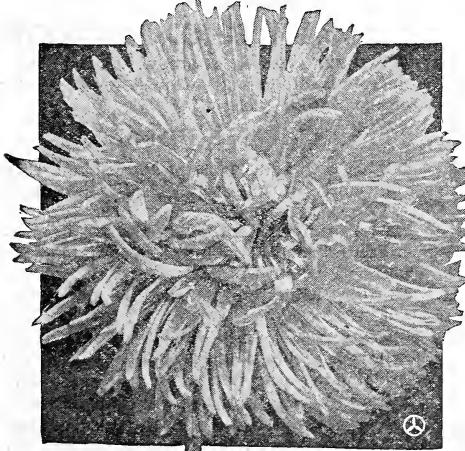
The earliest of all the Asters. Grows about 12 inches high and very branching; the flowers are on long stems, making it valuable for cutting.

**Snowdrift.** Pure white. Pkt. 5 cts. **Crimson.** Pkt. 5 cts.

**Light Blue.** Pkt. 5 cts. **Pink.** Pkt. 5 cts.

**Dark Blue.** Pkt. 5 cts. **Mixed.** Pkt. 5 cts., ½ oz. 15 cts.

Any six packets of above for 25 cts.

**King Asters**

### THE CREGO ASTERS

The very best late flowering Asters in existence; enormous flowers of the Chrysanthemum type, borne on good stems.

**Crego White.** Clear glistening white. Pkt. 10 cts.

**Crego Shell Pink.** A clear pink. Pkt. 10 cts.

**Crego Lavender.** A splendid lavender. Pkt. 10 cts.

**Crego Purple.** Clear dark purple. Pkt. 10 cts.

Any three packets of above for 25 cts.

**Crego Mixed.** (All Colors.) Pkt. 10 cts., ½ oz. 25 cts

### BRANCHING ASTERS

A useful class of Asters for bedding and beautiful for cut flowers. The flowers are very large and double with long, strong stems for cutting. The colors which we offer separately and in mixture are very clear and handsome.

**Light Pink.** Pkt. 10 cts., ½ oz. 25 cts. **Lavender.** Pkt. 10 cts., ½ oz. 25 cts.

**Dark Red.** Pkt. 10 cts., ½ oz. 25 cts. **Purple.** Pkt. 10 cts., ½ oz. 25 cts.

**White.** Pkt. 10 cts., ½ oz. 25 cts. **Mixed.** Pkt. 10 cts., ½ oz. 20 cts.

Any three packets of above for 25 cts.

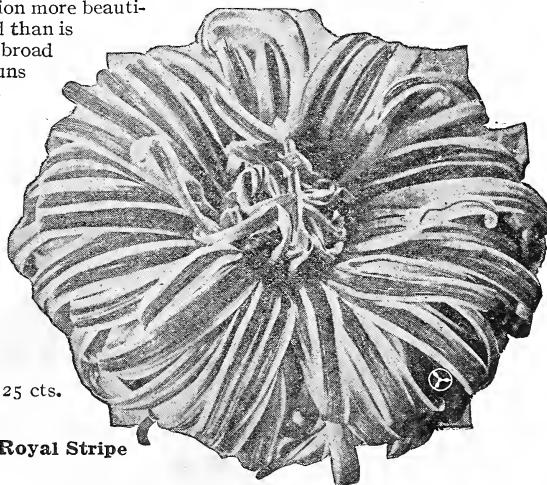
### VARIEGATED ASTER—ROYAL STRIPE

No color combination more beautiful can be imagined than is

found in this Aster. A broad band of violet blue runs through the entire length of the center of each petal, with distinct margins of pure white. It is of the Giant Comet type with extremely large flowers. The distinct

striping, as well as the curled and twisted form of many of its petals, is clearly shown in our illustration. Its habit, together with its attractive flowers, cannot fail to make it popular for cut flowers, as well as a magnificent

variety for bedding. 1½ to 2 feet. Pkt. 15 cts. Two pkts. for 25 cts.

**Royal Stripe**

### GIANT COMET ASTERS

The Giant Comet Aster is well known for its striking resemblance to the Japanese Chrysanthemums with large flowers in twisted, curled and crested forms. 1½ feet.

**Crimson.** Pkt. 10 cts. **Light Blue.** Pkt. 10 cts.

**Pure White.** Pkt. 10 cts. **Dark Blue.** Pkt. 10 cts.

**Light Pink.** Pkt. 10 cts. **Mixed.** Pkt. 10 cts., ½ oz. 25 cts.

### KING TYPE

**Crimson King.** This is one of the choicest of the King Asters. A true crimson of this desirable type. Pkt. 10 cts.

**Lavender King.** Identical with above, except in color. Pkt. 10 cts.

**Rose King.** An enormous quilled Aster, reaching a diameter of four and five inches under very ordinary cultivation. Pkt. 10 cts.

### CALLIOPSIS or COREOPSIS ©

Sow where they are to remain, and thin to one foot apart.

**Lanceolata Grandiflora.** Beautiful hardy perennial; grows 15 to 18 inches high and produces its golden yellow flowers in great profusion. (Illustrated page 33) Pkt. 10 cts.

**Golden Wave.** Bushy plants, with bright golden flowers, two inches across, each distinctly marked with dark brown center. Hardy annual. Pkt. 10 cts.

**Finest Mixed.** (Red, orange, etc.) Hardy annual. Pkt. 5 cts.

## CAMPANULA® (Bell Flower)

Well known perennials with bell-shaped flowers of varying size and type, which add wonderfully to the charm of summer gardens. Seed sown in the open in early April, will develop sturdy little plants prepared to bloom in great profusion throughout the summer of next year. Transplant permanently in October and give winter protection.

**Carpatica.** (Carpathian Harebell) Fine for edging; six inches high. Thimble size bells borne very freely and continuously. Mixed blue and white. Pkt. 5 cts.

**Medium.** (Canterbury Bells) Large flowered and long stemmed. The original type was single flowered, of deep pitcher shape; but there is also a derived class distinctly double. Colors run from blue and rose to white, in mixture.

—**Single Medium Mixed.** Pkt. 5 cts.

—**Double Medium Mixed.** Pkt. 10 cts.

**Calycanthema.** (Cup and Saucer) Practically the same as the type, except this form of Canterbury Bells is provided with an extra large calyx which gives a distinct impression of a cup and saucer, both of uniform color. This is the prettiest of the family, offered in separate colors as well as mixed.

—**Cup and Saucer Blue.** Deep, solid shade. Pkt. 10 cts.

—**Cup and Saucer Rose.** Bright. Pkt. 10 cts.

—**Cup and Saucer White.** Waxy white. Pkt. 10 cts.

—**Cup and Saucer Mixed.** All shades. Pkt. 10 cts.



## CARDINAL CLIMBER

A splendid new climber that has created a sensation wherever grown. It reaches a height of 20 to 30 feet and is covered from midsummer till frost with clusters of vividly red,  $1\frac{1}{2}$  inch flowers, shaped like the Morning Glory. Leaves are deeply lacinated and are in themselves very decorative. Pkt. 10 cts., 3 Pkts. 25 cts.

### New Cardinal Climber



**Fine Mixed.** Pkt. 5 cts., oz. 20 cts.

**Perennial.** (Iberis Sempervirens.) Hardy evergreen, white. Pkt. 10 cts.

## CANNAS

We are large producers of Cannas. Our collection embraces all the new and standard sorts, and is unsurpassed. The seed we offer is our own saving from these finest named varieties, and while each variety does not come true from seed, our mixture embraces every color. These beautiful ever-blooming Cannas bloom freely the first year from seed.

Soak the seed in hot water 12 to 24 hours before sowing. Sown in February or March will make flowering plants by July.

**Dark Leaved Varieties, Mixed.**

**Green Leaved Varieties, Mixed.**

**Extra Choice Mixed.** Dark and green.

All above: Pkt. 10 cts., oz. 25 cts.

For the Roots, see Plant Department of this Catalogue.

## CANDYTUFT (Iberis)

Seed sown in autumn produces flowers in early spring; when sown in April, flowers from July to September, and some of the sorts till frost comes. Hardy annual, one foot.

**Little Prince.** Flowers large, plant six inches high. Makes a fine border plant. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 20 cts.

**Empress or Snow Queen.** A complete mass of large snow white flowers. Pkt. 5 cts., oz. 25 cts.

**Crimson.** A fine large flower. Pkt. 5 cts.

**Lavender.** True lavender, very fine. Pkt. 5 cts.

**Rocket.** Long spikes of white. Pkt. 5 cts., oz. 25 cts.

## CANARY BIRD FLOWER

A rapid growing summer climber, with finely cut foliage and yellow flowers. Tender annual. Pkt. 5 cts. .

## CARNATION®

Start seed under glass and transplant when sufficiently large. Half-hardy perennial.  $1\frac{1}{2}$  feet.

**Extra Choice Double Mixed.** A large portion of this seed will produce double flowers. Pkt. 20 cts.

**Double Mixed.** All shades and colors. Pkt. 10 cts.

**Marguerite.** With ordinary care this double fluted, highly scented type will be in full bloom in four months after sowing the seed, flowering in profusion until checked by frost. Protection ordinarily ensures their permanency, and early spring bloom. The colors range through many shades. **Mixed.** Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts.



Dwarf Coxcomb

when grown as specimen plants. Height of plant, 2 to 3 feet. Pkt. 10 cts.

**Ostrich Feather.** (Celosia Plumosa.) A beautiful feathered Celosia, producing large, bright, crimson and orange plumes. A packet of each with the taller for the center and the dwarf for the outer edge would make a beautiful bed.

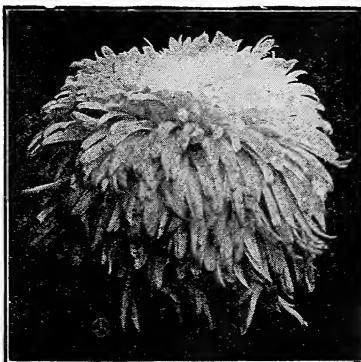
**Tall.** Mixed. 3 feet. Pkt. 5 cts. **Dwarf.** Mixed. 1½ feet. Pkt. 5 cts.

**Castle Gould.** A distinct type of Celosia Plumosa. The plants are literally clothed from base to summit with immense feather heads. Pyramidal growth, two to three feet high; especially suited for pot culture, the profusion of long continued bloom being remarkable. The colors are blood red, carmine yellow, golden orange, scarlet and wine red. **Mixed.** Pkt. 10 cts.

## CENTAUREA

**Gymnocarpa.** A very useful foliage plant popularly known as "Dusty Miller." Grows to 1½ feet; deeply indented fernlike foliage so dusted with silver as to be almost white. A splendid edging for dark-leaved Cannas, Salvias, Geraniums, etc. Half-hardy perennial. Pkt. 5 cts. 500 seeds, 35 cts.

**Imperialis. ⓠ All Colors, Mixed.** (Giant Sweet Sultan.) The bushes are covered with large, fluffy ball-shaped, sweet-scented flowers. Will keep for over a week in water, if cut just when they are about to open. Hardy annual. 2 feet. Pkt. 5 cts.



Annual Chrysanthemum

Annual Chrysanthemums are distinct from the autumn flowering, blooming all summer and making a gorgeous display in the garden, and for pot culture.

**Annual Double White Snowball.** A magnificent variety growing about 18 inches high and blooming continuously throughout the summer. They are covered with clusters of double pure white flowers of a beautiful fringed appearance. Will last a week or two after being cut. Pkt. 5 cts.

**Annual Double and Single Mixed.** Beautiful double and single types in a wide range of colors. Pkt. 5 cts.

## CINERARIA

Choice house or conservatory plants for early spring decoration. They grow from 12 to 18 inches high, and are completely covered with a mass of flowers, two and three inches across, of the richest colors, in white, blue, violet and crimson shades. Seed may be sown from May to September for succession, requiring two to three pottings. Greenhouse perennial.

**Grandiflora.** (Large flowered.) **Mixed.** Pkt. 25 cts.

## COBEA SCANDENS

A fine rapid growing climber, with handsome foliage and large bell-shaped flowers; green at first but rapidly changing to purple. Seeds should be started in hot bed or rather dry soil (as they are apt to rot in open ground); setting them edgewise and just barely covering. Tender perennial. 20 feet. Pkt. 10 cts.

## CELOSIA (or Coxcomb)

Free blooming, graceful plants, growing best in rather light soil, not too rich; grown in pots they are fine for the greenhouse or conservatory. Half hardy annuals.

**Dwarf Coxcomb.** (Cristata Nana.) Low growing plants with showy combs. Choice mixed. Pkt. 10 cts.

**Chinese Wool Flower.** This recent novelty is the most curious as well as the most showy of all Celosias. The round globular flowers, appearing like large balls of bright red wool, start blooming in July and continue until cut down by frost. The flowers do not fade but increase in size and brilliancy throughout the season.

They are excellent for bedding or are fine



Celosia Ostrich Feather

## CLEOME

**Pungens.** (Giant Spider Flower.) Grows to a height of from 3 to 3½ feet, branching freely. Each branch is surmounted by large panicles of curiously shaped pink flowers. Blooms continuously from early summer until frost. Half hardy annual. Pkt. 5 cts.

## CLARKIA ELEGANS ⓠ

This pretty, easily grown annual is a popular garden and cut-flower plant, very showy in borders, hanging baskets or vases. They are not particular as to location but thrive equally well in partial shade or sun. 2 to 2½ feet.

The bloom is double, abundant, in small leafy racemes, and opens well in water when cut.

**Alba, fl. pl.** (Double white.) Pkt. 5 cts.

**Apple Blossom, fl. pl.** (Double pink.) Pkt. 5 cts.

**Salmon Queen, fl. pl.** (Double Salmon.) Pkt. 5c.

**Elegans Scarlet Queen.** (Orange Scarlet.) Pkt. 5 c.

**Double Mixed.** Pkt. 5 cts.

## COLEUS

(Choicest New Hybrids)

A beautiful class of well known and popular decorative foliage plants with such diversity of pattern and rich coloring, their growing is a matter of absorbing interest and pleasure. For bedding or pot culture.

**Mixed.** Pkt. 20 cts.



Coleus



Giant Fancy Cosmos

**White Lady Lenox.** The giant white of the Cosmos. Flowers pure white and nearly three times larger than the ordinary Cosmos. Robust grower, attaining a height of six feet. Pkt. 10 cts.

**Lady Lenox Mixed.** Mixture of two colors, pink and white. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

#### NEW DOUBLE CRESTED COSMOS

These beautiful novelties are something entirely different from other Cosmos. The flowers are not fully double, but are double crested, having double centers and a row of petals around the base, which makes them very effective. Flowers are borne on strong stiff stems, fine for use as a cut flower. Very shy seeders.

**Pink Beauty.** Very delicate pink. Pkt. 15 cts., 2 pkts. for 25 cts.

**White Queen.** Pure white, outer petals fringed. Exceedingly pretty. Pkt. 15 cts., 2 pkts. 25 cts.

#### CYCLAMEN

Charming bulbous-rooted plants, with beautiful foliage and rich colored fragrant flowers. Tender perennials, six inch. **Persicum Giganteum.** A great improvement over the old sorts. **Mixed.** Pkt. 25 cts.

#### CYPRESS VINE (Ipomea Quamoclit)

Climber, with delicate dark green feathery foliage and abundance of bright star-shaped rose, scarlet and white blossoms. Tender annual; 15 feet. **Mixed.** Pkt. 5 cts.

**Ivy-Leaved Scarlet.** The deeply lobed ivy-like leaves form a dense screen and great racemes of fiery scarlet flowers stand out in countless numbers. Pkt. 5 cts.

#### DAHLIA

One of the best autumnal flowering plants. Half hardy perennial; three to four feet.

**Double Mixed.** Finest double flowers, including the new, large flowered varieties. Pkt. 15 cts.

**Single Giant Perfection.** The flowers are large; many are marbled and striped. Mixed colors. Pkt. 10 cts.

#### DAISY (Bellis Perennis)

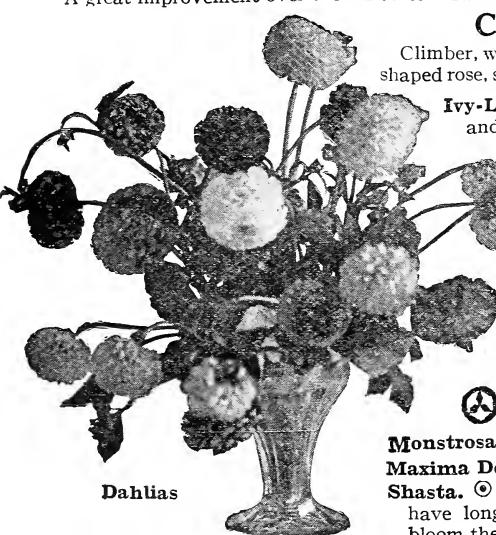
Sow seed early in hot bed or house and transplant to a rich, cool, partially shaded situation. Hardy perennial; six inches.

**Monstrosa Red.** Giant flowered red. Pkt. 10 cts.

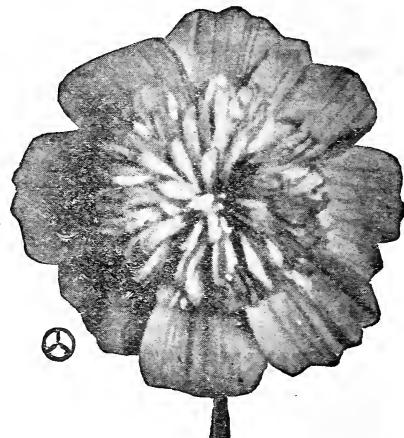
**Monstrosa White.** Very large flowered. Pkt. 10 cts.

**Maxima Double Mixed.** Pkt. 10 cts.

**Shasta.** The pure white flowers are three to four inches in diameter. Some have long narrow twisted petals, while others are broad and flat. They bloom the entire season. Hardy perennial; two to three feet. Pkt. 10 cts.



Dahlias



Crested Cosmos

**DATURA (Angels Trumpet)**

Showy, large branching plants, growing three to five feet high, bearing trumpet-shaped flowers six inches in length.

**Double Mixed.** Pkt. 10 cts.

**ESCHSCHOLTZIA or CALIFORNIA POPPY**

These beautiful little flowers are California's State flower, hence the name. Produce beautiful effects either as border plants or in masses. Hardy annuals.

**Mandarin.** A beautiful orange. Pkt. 5 cts.

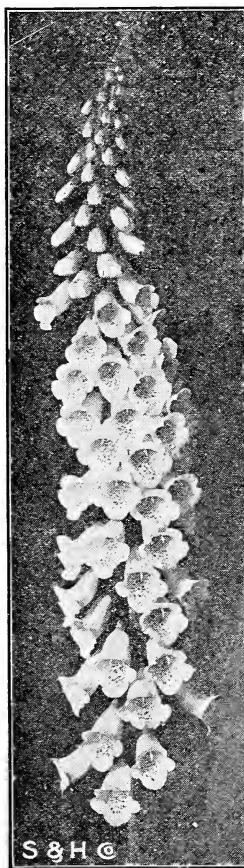
**Rosy Morn.** Delicate frilled flower of beautiful primrose yellow hue. Pkt. 5 cts.

**Golden West.** The flowers have large overlapping petals. The color is shining yellow with an orange blotch. Pkt. 5 cts.

**Crimson.** A clear glistening crimson. Very fine. Pkt. 5 cts.

**Alba.** White, of a clear shade, is very rare in this flower. This is a clear satiny white. Pkt. 5 cts.

**Mixture of above varieties.** Pkt. 5 cts.



Foxglove

**Palustris.** Blue flowers, with white and yellow eyes. Pkt. 10 cts.

**Ruth Fisher.** The largest and finest,  $\frac{3}{8}$  to  $\frac{1}{2}$  inch across, lovely sky-blue. Pkt. 10 cts.

**Victoria.** Fine heads of large, clear, azure blue flowers; plants bushy and compact. Pkt. 10 cts.

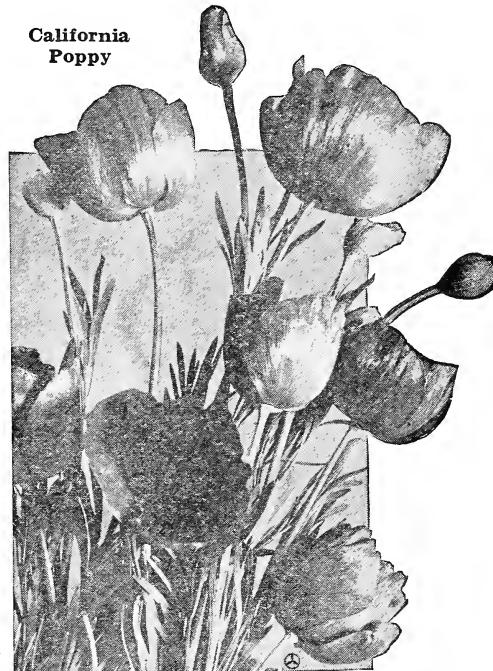
**FOXGLOVE (Digitalis)**

Its ease of cultivation, the mammoth spikes of splendidly colored flowers make them very desirable for use in borders or as backgrounds for lower growing plants. Spikes grow to a height of three to five feet. Hardy biennials.

**Finest Mixed Gloxinoides.** Pkt. 5 cts.

**Canariensis.** Rich canary yellow. Pkt. 5 cts.

California Poppy

**BUSH ESCHSCHOLTZIA**

A beautiful bushy plant, two feet high, with large cup-shaped flowers on long stems. The color is bright yellow. They keep in water for two weeks. Hardy annual. Pkt. 10 cts.

**EUPHORBIA**

**Heterophylla.** (Mexican Fire-plant.) An annual resembling the Poinsettia in habit and color. Smooth glossy-green leaves which in mid-summer turn to a beautiful orange-scarlet. 2 to 3 feet. Pkt. 10 cts.

**Variegata.** (Snow-on-the-Mountain.) An old garden favorite; foliage and flowers veined and margined white. Try this mixed with pink Geraniums; it makes a charming combination. 2 to 3 feet. Pkt. 5 cts.

**FEVERFEW (Double White)**

A bushy plant, bearing a profusion of double white Daisy-like flowers, of great popularity for summer bouquets. Hardy annual. Pkt. 5 cts.

**FOUR O'CLOCK (Marvel of Peru)**

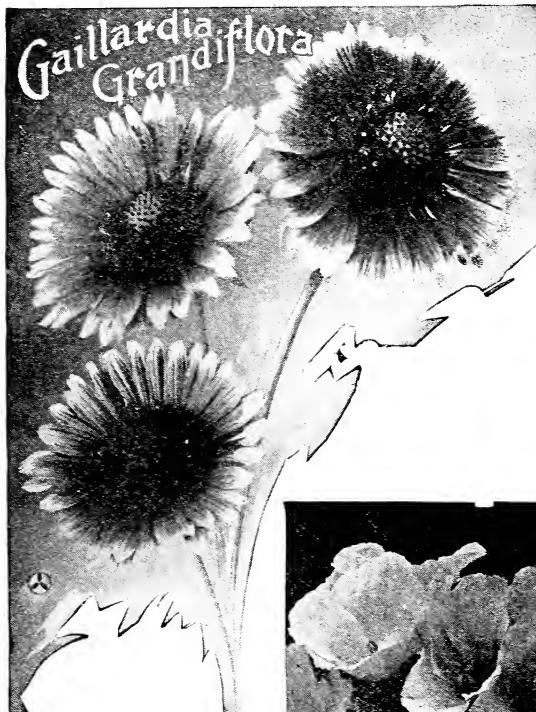
A handsome, free-flowering half-hardy perennial; blooming the first season from seed; the flowers, which are produced in clusters, open in the afternoon and wither the next morning. Generally planted in solid rows, to outline the garden plot or walks; its innumerable flowers and gorgeous diversity of colors furnishing a great deal of cheer at little expense. 2 ft. Our mixture contains a fine variety of colors. Pkt. 5 cts., 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**FORGET-ME-NOT (Myosotis)**

For forcing, pot culture or spring bedding. Seed sown in autumn will flower in early spring. Hardy perennial; one-half foot.



Four O'Clocks



### GAILLARDIA ◉

Dependable, showy bloom ranging from  $1\frac{1}{2}$  to 3 inches across; mostly giving that warm, cheery impression characteristic of reds laid over yellow. Of short, open growth and prolific bloom from early summer till frost.

**Grandiflora.** Hardy peren-

nial, 2 ft., blooming first season. Flowers large and flat; yellow and orange, with center and distinct rings of varying extent in shades of red and maroon.

**Mixed.** Pkt. 5 cts.

**Picta Mixed.** Annual,  $1\frac{1}{2}$  ft. Numerous double and single flowers of many color shades. Pkt. 5 cts.

### GEUM ◉

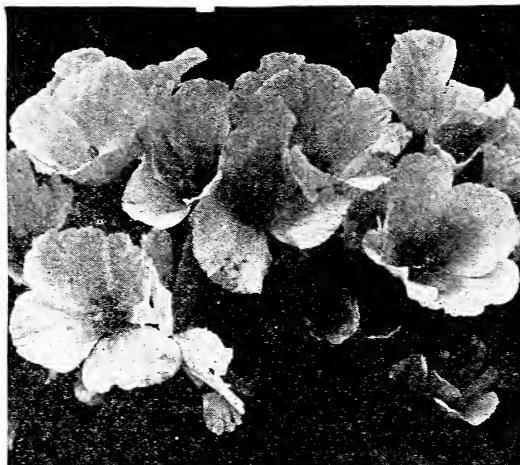
**Mrs. Bradshaw.** Blooms continuously all summer on slender stems, very showy dark crimson, fine for use in bouquets. They closely resemble Carnations at a distance; but a nearer view reveals broad, fluted petals, and a conspicuous tuft of golden stamens at center. Hardy perennial;  $1\frac{1}{2}$  ft. Pkt. 10 cts.

### GODETIA

Godetias are worthy of more generous use. Their beautiful satiny, open flowers, covering a wide range of colors, produce a delightful effect in masses or borders. Easy to grow from seed and produce good flowers in shaded places where so few flowers can be grown. Hardy annuals. 1 ft.

**Finest Mixed.** All colors. Pkt. 5 cts.

**Grandiflora Cattleya.** A choice new variety growing 12 to 15 inches high, with the prevailing satiny lustre quite pronounced. Its color is a rare shade of lilac blue, closely corresponding to the Cattleya Orchids. Pkt. 10 cts.

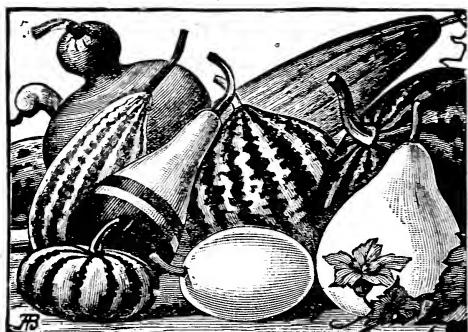


Godetia Cattleya

**Paniculata.** Hardy Perennial; 2 feet. Flowers white, with a general impression of being lavender, when in bud. Pkt. 10 cts.



Gypsophila or "Baby's Breath"



### GOURDS

A tribe of climbers with curiously shaped fruits, which are a delight to the children and may be used in many practical ways. Tender annual climbers. 10 to 20 feet.

**Large Ornamental Mixed.**

**Small Ornamental Mixed.**

**Apple Shaped.**

**Calabash—Pipe gourd.**

**Chinese Sponge or**

**Dish Rag.**

**Dipper.**

**Egg Shaped.**

**ALL GOURDS,**  
Pkt. 5 cts. each.

### GYPSOPHILA (Baby's Breath)

Delicate stems and foliage in roundel clumps, profusely sprinkled with tiny star-blooms. These misty panicles are exquisite "mixers" with other flowers, either in bouquets or in the garden.

**Elegans.** ◉ Annual. To provide continuance of bloom, should be sown several times. **Mixed** White and Pink. Pkt. 5 cts., oz. 25 cts.

## HELICHRYSUM ◎ (Strawflower or Everlasting)

Hardy annual,  $1\frac{1}{2}$  ft. Flowers are round, flat but thick, very full of short, stiff, incurved petals surrounding a depressed center. Although largely planted just for their garden show, their chief value is for winter use in baskets and vases, dried. Cut with long stems when about a third opened, suspend the bunch (heads down) in a cool, dry place until thoroughly dried. The perfect form and original brilliant color is thus preserved and available for decorating, indefinitely. We offer the **Monstrosum fl. pl.** strain, which is the largest and most double, with the widest range of colors.

**Crimson.** Very bright. Pkt. 10 cts.

**Fireball.** A genuine red. Pkt. 10 cts.

**Goldenball.** Deep golden-yellow. Pkt. 10 cts.

**Rose Queen.** Carmine rose. Pkt. 10 cts.

**Silverball.** Frost white. Pkt. 10 cts.

**Violet Queen.** Dark and rich. Pkt. 10 cts.

**Straw Flower Set.** 1 Pkt. each of 6 varieties for 45 cts.

**Monstrosum fl. pl. Mixed.** All kinds together.

Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.



**Helichrysum**

## HELIOTROPE

Highly valued for the fragrance of their flowers and duration of bloom. Tender perennial, one foot. Easily grown from seed, blooming first summer if sown early.

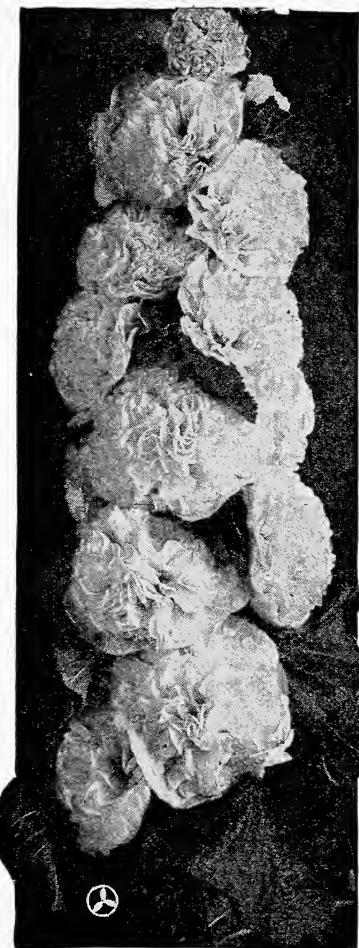
**Fine Mixed.** Pkt. 10 cts.

**Lemoine's Giant Hybrid.** Choice Mixed. Pkt. 10 cts.

## HIBISCUS (Mallow)

**Crimson Eye.** Six inch bell flowers, with a large crimson center. Perfectly hardy, blooming the first year from seed sown in the open ground if sown early. 5 ft. Pkt. 5 cts.

**Moscheutos. (Rose Mallow)** Large pink flowers with dark maroon eye. Pkt. 5 cts.



**Moscheutos. (Rose Mallow)** Large pink flowers with dark maroon eye. Pkt. 5 cts.

## HOLLYHOCK

One of our stateliest and most colorful summer and autumn flowering plants. Sow the seed in June or July in open ground, transplant to three feet apart. 5 to 8 feet.

**Double White.** Pkt. 10 cts.

**Double Yellow.** Pkt. 10 cts.

**Double Pink.** Pkt. 10 cts.

**Double Red.** Pkt. 10 cts.

**Double Maroon.** Pkt. 10 cts.

**Double Mixed.** Pkt. 10 cts.

**Mammoth Fringed Hollyhock.** (Allegheny.) The flowers are from four to six inches across, single and semi-double, finely fringed and curled. Will bloom the first season if sown early. **Choice Mixed.** Pkt. 10 cts.

## HOP (Variegated Japanese)

The leaves are beautifully and distinctly marked with silvery white, yellowish white, and light and dark green. It retains this foliage until late in autumn; climbing 20 feet. Pkt. 10 cts.

## HYACINTH BEAN

A rapid growing annual climber, about 10 feet high. They bloom freely in clusters, which are followed by ornamental seed pods. Sow seed in April or May. White and purple mixed, Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

## ICE PLANT (Mesembryanthemum)

Fine for baskets, rock work and vases. Leaves and stems appear as though covered with ice crystals. Tender trailer; six inches. Pkt. 5 cts.

## IPOMEA

Tender annual climbers of rapid growth, with beautiful and varied flowers. **Heavenly Blue.** Flowers four to five inches across, in large clusters. Color, a beautiful sky-blue. Pkt. 10 cts.

**Grandiflora.** (Moonflower.) One of the most showy of the annual climbers. A rapid growing vine, easily reaching a height of 25 to 30 feet. At night the plants are covered with large, pure white, fragrant flowers. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts.

**Setosa.** (Brazilian Morning Glory.) A summer climber, making dense shade. Flower rose colored. 3 to 4 inches in diameter. Pkt. 10 cts.

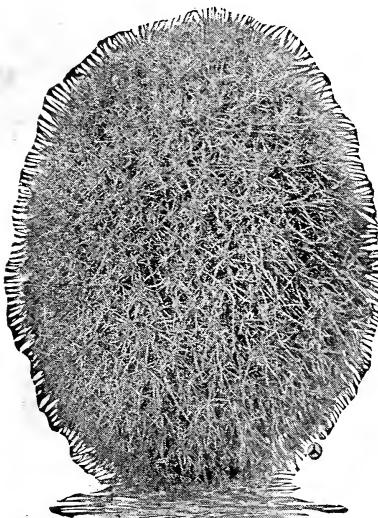
## JOB'S TEARS

Broad, glistening grass. The odd, tear-like seeds are often strung and used as beads. Hardy annual. Pkt. 5 cts., oz. 20 cts.

**Double Hollyhocks**

## KOCHIA (Summer Cypress)

**Trycophylla.** An annual about three feet in height. Splendid for temporary summer hedges. Throughout the summer it is a lively green, but towards autumn turns to a bright red. It is of dense rounded form, with very minute foliage and stems. Pkt. 5 cts.



**Kochia Tricophylla**

Shirley Poppies and Calliopsis—and enjoy results.

**Double Dwarf Rocket.** 1 ft., finest mixed. Pkt. 5 cts.

**Newport Scarlet.** This variety is one of the choicest of these old garden favorites; an ideal flower for cutting. Pkt. 10 cts.

### PERENNIAL

The Perennial Larkspurs or Delphiniums are among the most useful and prolific of all flowering plants for the garden, unsurpassed by any other class for furnishing the various shades of blue. All summer's bloom. Easily grown from seed.

**Belladonna Hybrids.** A magnificent sort unrivalled for continuance of bloom, with large spikes of the most delicate turquoise blue. Fine for cutting. Pkt. 15 cts.

**Formosum.** Dark blue with white eye; 3 feet. Pkt. 10 cts.

**Choice Hybrids.** Mixed shades of blue. Pkt. 5 cts.

## LOBELIA

A most excellent and useful genus of plants, easy of culture and well adapted for bedding, edging, hanging baskets, pots or rockeries. Seed should be covered lightly.

**Crystal Palace Compacta.** Fine for bedding, compact, erect growth, deep blue. Annual. Pkt. 5 cts.

**Erinus Speciosa.** Of trailing habit, bright blue flowers; fine for baskets. Annuals. Pkt. 5 cts.

**Mixed.** Compact varieties. Annuals. Pkt. 5 cts.



**Marigold (Double African)**

## LARKSPUR © (Delphinium)

### ANNUAL

The Annual Larkspur furnishes one of the best and most satisfactory blossoms in the whole range of annuals. Colors vary from white through pink and red.

### Giant Hyacinth Flowered.

The plants grow three feet high with long spikes of giant flowers. Earliest flowering. Mixed colors. Pkt. 5 cts.

Try these broadcasted with



## LUPINES ©

**Annual Mixed.** Easily grown annuals, with long, graceful spikes of pea-like flowers. Fine for beds or borders. Does well in partial shade. Pkt. 5 cts.

## LYCHNIS CHALCEDONICA

Bright scarlet flowers in maltese cross form, handsome for beds and borders. Of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennials. 2 to 3 feet. Pkt. 5 cts.

## MARIGOLD ©

Old favorite of easy culture, with various colored beautiful double flowers and fine foliage; very effective for groups and masses. Hardy annuals.

The African varieties being taller, more substantial and running more to solid shades, are best suited to large sowings for their garden show. The French varieties are of dwarfer growth, and fancifully striped and otherwise marked, making them better adapted for bouquets. All types are richly contrastive when assembled with the blue of Larkspurs or the paler tints of Cornflowers.

**Double African Mixed.** Dwarf, mixed orange and yellow shades. 3 feet. Pkt. 5 cts., oz. 40 cts.

**Double African Lemon.** Pkt. 5 cts.

**Double African Orange.** Pkt. 5 cts.

**Double and Single French.** 2 feet. Finely cut foliage. Dwarf; mixed colors. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 20 cts.

## MOMORDICA

**Balsamina.** (Balsam Apple.) Annual climber, with yellow blossoms and beautiful foliage. The fruit when ripe bursts suddenly open, scattering its seed and showing a brilliant carmine interior, 10 feet. Pkt. 5 cts.

## MIGNONETTE <sup>®</sup>



Mignonette

A delightfully fragrant, hardy annual, blooming the entire season in the flower border; also fine for pot culture during the winter and spring.

**Defiance.** This magnificent variety, when grown under favorable conditions and with proper care, will produce spikes 12 to 15 inches long. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Goliath.** Immense large spikes, borne upon strong stiff stems; very fragrant and fine for cutting. Color is bright red. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 30 cts.

**Machet.** The plants are dwarf and vigorous, of pyramidal growth; with long spikes of sweet scented reddish green flowers. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Large Flowering.** The common Sweet Mignonette; an old garden favorite. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

## MORNING GLORIES (Convolvulus)

Of all annual vines, the Morning Glory is perhaps the best known and most practical. While hardy vines are getting thru the ground, this energetic annual will spring forth, throw out its glossy leaves and be half way up the string. Its morning glory of bloom is unmatched for daintiness and refreshment, by any flower that heralds the dawn of day.

**Japanese Giant.** A class of climbers making a growth of 20 to 30 feet quite early in the season. Their large flowers are striped, spotted and margined in all shades from white to the deepest red, blue and purple. Many are fluted and fringed. Sow the seeds early in a warm sunny place. Choice mixed. Pkt. 5 cts., oz. 25 cts.

**Large Flowering Rochester.** Vines strong, growing 12 to 20 feet high, with magnificent foliage. Flowers 4 to 5 inches across, deep violet blue in the throat, blending out to an azure blue, bordered with a white band around the edge. Pkt. 10 cts. Oz. 30 cts.

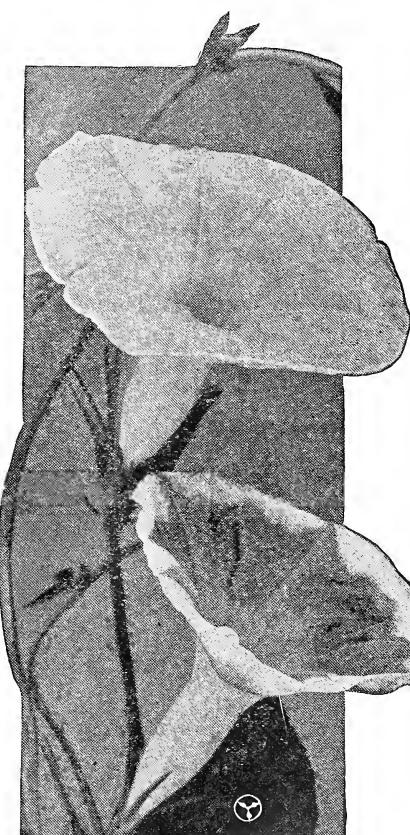
**Convolvulus Major.** The well known old fashioned Morning Glories. Splendid climbing plants. Of rapid growth and profuse bloom. Pkt. 5 cts. Oz. 20 cts.

**Snow Fairy.** This magnificent flowering vine is our own introduction, brought out several years ago, and increasing every new season in popularity. The vines are rapid growers, soon attaining a height of 12 to 18 feet, starts blooming quite early, continuing to flower in great profusion until cut down by frost. The delicate lacy form of the flower is hard to describe or to give justice in a photograph. All through the summer the vines are literally covered with the glistening white blossoms which are perfectly double and present a striking appearance. Pkt. 10 cts.

## NIGELLA <sup>®</sup>

("Love-in-a-Mist" or  
"Devil-in-the-Bush")

**Damascena.** Compact plants a foot high, with fine cut foliage within which is set a profusion of pretty, curious shaped flowers and seed pods. **Mixed** blue and white. Pkt. 5 cts.



Japanese Giant Morning Glories

Snow  
Fairy

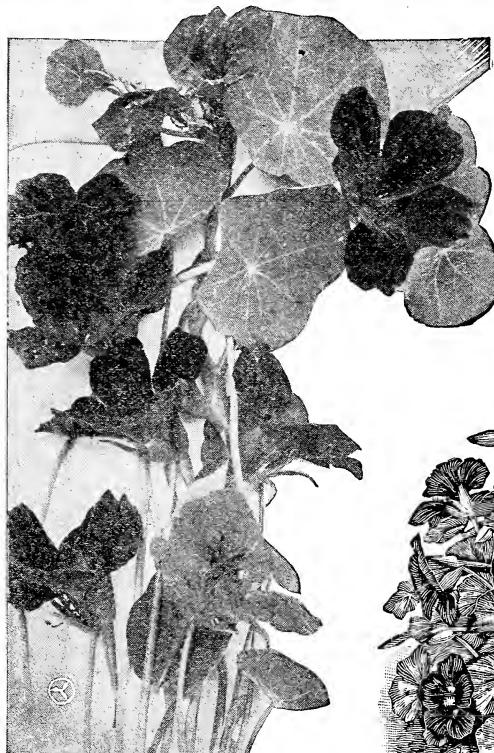
## NICOTIANA

(Sweet Scented Tobacco Plants)

As summer garden plants, their long, broad leaves are quite as attractive as the fragrant bloom.

**Affinis.** This is the pure white form and is very popular. Pure white, sweet-scented, star-shaped flowers. Pkt. 10 cts.

**Hybrida Mixed.** This type has large star-shaped flowers in a great variety of colors. If the plants are taken up in the fall, cut back and potted, they will bloom nicely in the house during the winter, 2 to 3 ft. Mixed colors. Pkt. 10 cts.



Tall Nasturtiums

**Rose.** Rose-pink blossoms. Pkt. 5 cts., oz. 20 cts.

**Dwarf Variegated Leaved.** The foliage is a healthy dark green peculiarly spotted with white. Flowers in a mixture of colors. Pkt. 5 cts., oz. 20 cts.

**Dwarf Mixed.** This splendid mixture contains all the named varieties and every color. No finer mixture can be made. They will produce enormous flowers on long stems, in a wonderful variety of colors. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

#### TALL or CLIMBING VARIETIES

The vines grow quickly to 6 to 10 feet, making very showy mantles to conceal rough spots in the yard, or unsightly railings. They are beautiful as trellis vines, and take a prominent part in the furnishing of porch boxes and urns.

**Chameleon.** Blossoms of various colors and changing on the same plant. Pkt. 5 cts., oz. 20 cts.

**Jupiter.** Great rich yellow flowers resembling Orchids in their beauty. Pkt. 5 cts., oz. 20 cts.

**King Theodore.** Rich, deep crimson; dark foliage. Pkt. 5 cts., oz. 20 cts.

**Pearl.** White. Pkt. 5 cts., oz. 20 cts.

**Rose.** Rose-pink blossoms. Pkt. 5 cts., oz. 20 cts.

**Schultzii.** Scarlet flowers, dark leaves. Pkt. 5 cts., oz. 20 cts.

**Vesuvius.** Salmon rose, dark foliage. Pkt. 5 cts., oz. 20 cts.

**Tall Mixed.** This is one of the finest mixtures of Climbing Nasturtiums on the market; it includes, besides the various colors in this class, the popular strains of Mad. Gunther Hybrids, Lobbs and Chameleon. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

#### MAD. GUNTHER HYBRIDS

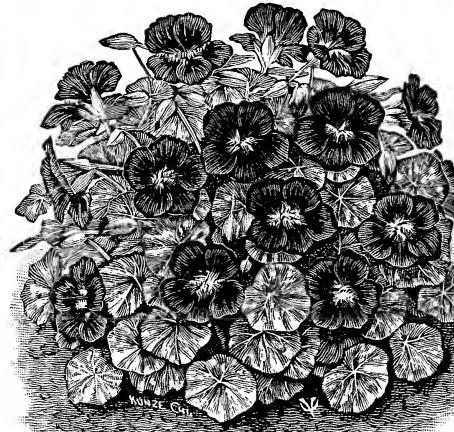
**Mixed.** This is a most attractive French strain, not only revealing all of the flower colors and patterns known to other classes, but in addition sets off its bloom against richly variegated foliage. There is no formality in this variegation, but a delightful variety of blotches, streaks and splashes which serve to emphasize the markings of the flowers. Pkt. 10 cts., oz. 25 cts.

# NASTURTIUMS ◉

There is a distinct, peppery and altogether pleasing scent to Nasturtium flowers; the foliage is so pretty in its roundness and fresh, clean green; the coloring is so vividly bright and cheery, there is small wonder that the various types of this family are so extensively planted. They do not require anything unusual in the way of fertilization or attention, grow rapidly and bloom within a few weeks after sowing.

#### DWARF VARIETIES

Very useful for bedding, massing or ribboning. A few Dwarf Nasturtiums in the yard are very brilliant and attractive. The flowers are brighter if the soil is not over rich. Give each plant a foot of room; hardy annual; one foot.



Dwarf Nasturtiums

**Chameleon.** Blotched and various changing shades one plant. Pkt. 5 cts., oz. 20 cts.

**Empress of India.** Brilliant crimson; dark tinted foliage. Pkt. 5 cts., oz. 20 cts.

**Golden King.** Bright yellow. Pkt. 5 cts., oz. 20 cts.

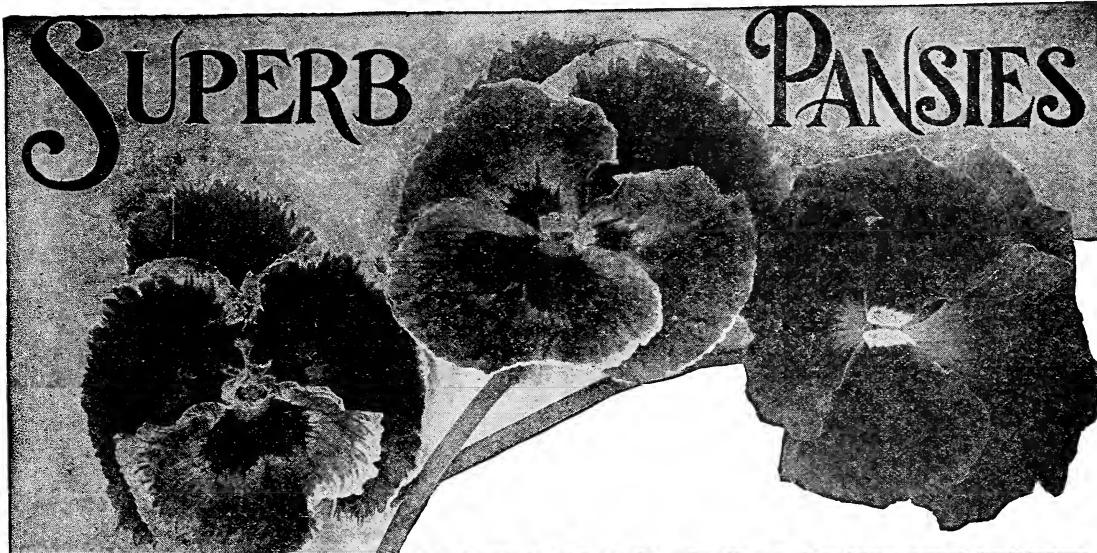
**King Theodore.** Dark maroon. Pkt. 5 cts., oz. 20 cts.

**King of Tom Thumbs.** Intense scarlet. Pkt. 5 cts., oz. 20 cts.

**Pearl.** White. Pkt. 5 cts., oz. 20 cts.



Mad. Gunther Hybrids



**PANSY SEED** sown in August will provide strong plants for early spring bloom. The latter part of April is best for spring sowing, under normal conditions, producing flowers by the last of June and continuously until fall. A well enriched, finely worked soil is best. If drilled in, seed should be covered not over four times its own depth. If thinly covered (paper will do), to preserve moisture, germination should occur within 8 to 12 days. When the plants are sufficiently developed, transfer to desired location allowing about 9 inches for interval. Pansies will survive and bloom in waste spaces beneath the shading foliage of trees; but like most other flowers, attain fullest perfection in sunlight and natural ventilation. Many people start them in hotbeds or in boxes in the house, about two weeks before the probable earliest planting time. Naturally, the choicest quality seeds produce the best flowers, and we heartily recommend our own strains.

### SUPERB GIANT PANSIES ◎

**Adonis.** Light blue, with white center. Pkt. 10 cts.

**Andromeda.** Lavender and pink. Orchid flowered. Pkt. 20 cts.

**Beaconsfield.** Deep purple violet, shading to lavender and white. Pkt. 10 cts.

**Black.** Jet black. Pkt. 10 cts.

**Mad. Perrett.** Edge of petal is frilled. The colors are dark wine, pink and red, beautifully veined, and all with a white margin. Extra large flowers. Pkt. 10cts.

**Masterpiece.** Distinct in form of flowers, the border of each petal being conspicuously curled or waved, giving the flower a double or globular appearance. Choice mixed colors. Pkt. 15 cts.

**Peacock (or Pheasant's Eye).** The upper petals resemble in shade the peacock feather, while the lateral and lower petals are of a deep claret, with white margin. Pkt. 10 cts.

**Purple.** Giant, long stemmed flowers of a rich dark purple color. Pkt. 10 cts.

**President McKinley.** The ground color is a deep golden yellow, while each petal has a large blotch of rich dark violet, leaving a clearly defined broad edging of "pure gold." Pkt. 15 cts.

**Ruby.** Superb red. Pkt. 15 cts.

**Striped.** Beautifully striped and blotched, of various colors. Pkt. 10 cts.

**White.** Extra large, pure white flower. Pkt. 10 cts.

**Yellow.** Large, pure yellow. Pkt. 10 cts.

**Superb Giant Mixed.** An extra fine mixture of Giant Pansies, including all the above together with Odier, Cassiers, Bugnot, and Trimardeau selections. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{4}$  oz. \$1.75.

### TRIMARDEAU PANSIES

**Mixed.** A particularly robust, hardy strain with richly colored flowers in the giant class, which rarely fails to give perfect satisfaction. Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.

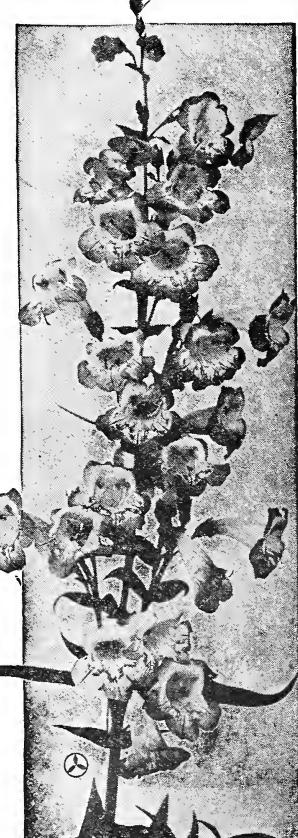
### EXCELSIOR PANSIES

**Mixed.** This is a class of largeflowered Pansies especially adapted for bedding purposes. Pkt. 5 cts., six pkts. for 25 cts.,  $\frac{1}{4}$  oz. 70 cts.

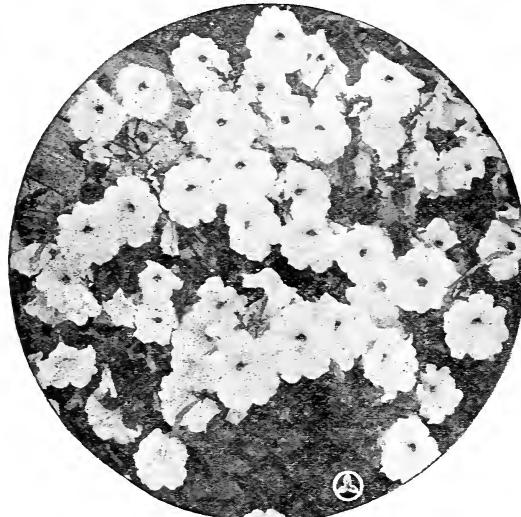
### PENTSTEMON

Herbaceous plants, with long spikes of rich colored flowers from May until frost. Will bloom the first season if sown early in a hot bed and planted out as soon as frosts are over.

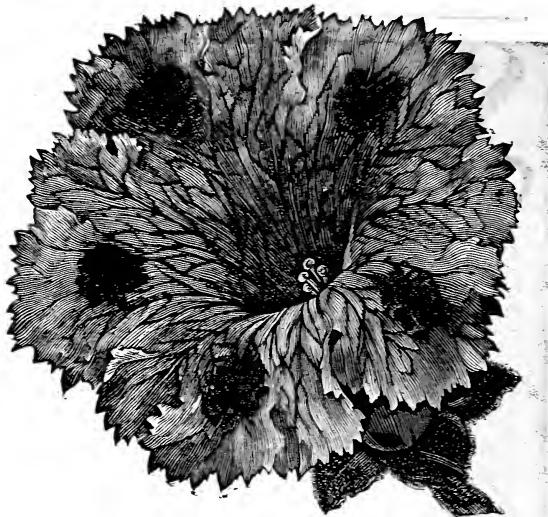
**New Large Flowering.** The numerous Gloxinia-shaped flowers are borne on long stems. The colors are white, pink, rose and crimson, many being spotted and margined with a contrasting color. Hardy perennial. Choice mixed. Pkt. 10 cts.



Pentstemon



Single White Petunia



Giant Ruffled Petunia

## PETUNIAS

### DOUBLE GIANT FLOWERING PETUNIAS

While a fair per cent of Double Petunia seed will produce double flowers, some will not. The single ones, however, will be richly colored and finely marked. We consider this one of the finest mixtures of Double Petunias; composed of the best and largest flowered strains grown. **Choice Mixed.** Pkt. 30 cts.

### SINGLE LARGE FLOWERING PETUNIAS

**Fringed.** (Fimbriata.) A strain of beautifully fringed flowers. Colors rich and brilliant. Pkt. 20 cts.

**Giant Ruffled.** The flowers of this strain are ruffled and fringed, colors rich and gorgeous, with deep throats of various shades. Fine mixed. Pkt. 20 cts.

**Giant of California.** Choicest mixed seed saved from show flowers. Very large. Pkt. 20 cts.

### SINGLE BEDDING PETUNIAS

**Howard's Star.** A clear purple with a distinct white star filling throat and extending to edge of petals. Pkt. 10 cts.

**Rosy Morn.** Of compact, bushy growth, fifteen inches in height and about the same in diameter, covered throughout the entire season with open-throated flowers one and one-half inches in diameter. Distinct and glowing, although a soft tone of rose-pink, with silvery white throat. Pkt. 10 cts.

**Triumph.** A splendid new single variety belonging with the large flowering section, but aligned with the bedders because of its uniform growth and general superiority as a mass bedder. It is beautifully ruffled, and very conspicuous in its clear, bright pink color. Pkt. 20 cts.

### BEDDING PETUNIAS—Continued

**Single Pure White.** A thrifty variety where a pure white is desired for beds and borders. Grow 10 to 15 inches high, very free blooming. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 35 cts.

**Finest Striped and Blotched.** Mixed. Pkt. 10 cts.

**Single Fine Mixed.** Pkt. 5 cts.

### BALCONY PETUNIAS

A valuable section remarkable for their great freedom, with flowers 3 inches across. Particularly adapted to use in vases, hanging baskets or window boxes.

**Balcony Blue.** Rich, velvety indigo blue. Pkt. 20 cts.

**Balcony Rose.** Brilliant. An attractive shade of rose-pink. Pkt. 20 cts.

**Balcony White.** Conspicuous. Pure, waxy white. Pkt. 20 cts.

### PERENNIAL PEA (*Lathyrus Latifolius*)

These rampant vining Peas are of easy cultivation, producing very showy flowers, ranging in color from white to rose and purple. Sometimes known and sold as Everlasting Sweet Pea. Quite hardy and not particular as to soil. Splendid for covering rocks, stumps and walls.

**White.** Pkt. 10 cts. **Pink.** Pkt. 10 cts. **Red.** Pkt. 10 cts. **Mixed.** Pkt. 10 cts.

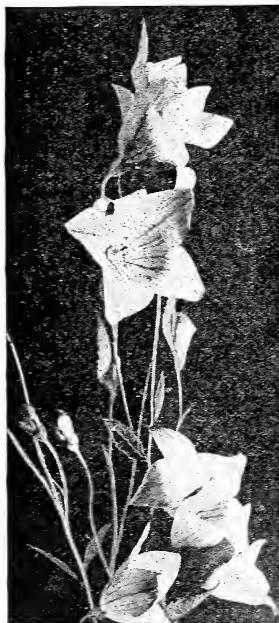
### PLATYCODON (Balloon Flower)

The unopened buds resemble miniature balloons opening up as deep throated,  $1\frac{1}{2}$  to 2 inch bells. Hardy perennial, 2 to 3 feet. Seed sown in early spring will bloom in August.

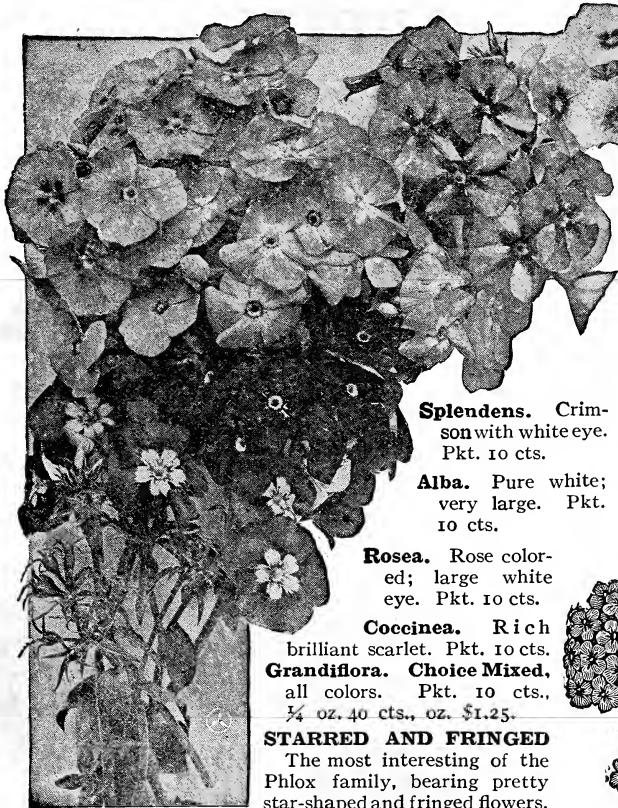
**Mixed colors.** (Blue and White.) Pkt. 10 cts

### PORTULACA ("Moss Rose")

Trailing plants which love the sun, and nestle close to the warm, sandy loam of their choice. The numerous round, flat flowers set close, and brilliantly illumine the emerald of the foliage with vivid shades of red, yellow, pink and white. Half-hardy annual. **Double Mixed.** Pkt. 10 cts. **Single Mixed.** Pkt. 5 cts.



Platycodon



Phlox Drummondi  
Grandiflora

**Splendens.** Crimson with white eye.  
Pkt. 10 cts.

**Alba.** Pure white; very large. Pkt. 10 cts.

**Rosea.** Rose colored; large white eye. Pkt. 10 cts.

**Coccinea.** Rich brilliant scarlet. Pkt. 10 cts.  
**Grandiflora.** Choice Mixed, all colors. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 40 cts., oz. \$1.25.

**STARRED AND FRINGED**  
The most interesting of the Phlox family, bearing pretty star-shaped and fringed flowers, rich in colors. **Choice Mixed.** Pkt. 10 cts.

## PHLOX DRUMMONDI NANA

This strain grows about six inches high, splendid for pot culture or for ribbon lines and for massing.

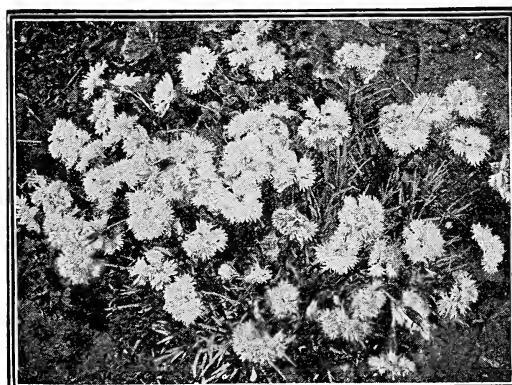
**Dwarf.** In choicest mixtures. Pkt. 10 cts.

## HARDY PERENNIAL PHLOX ◎

Perennial Phlox is one of the show features of our nurseries. Our seed is saved from a magnificent collection, embracing all the new and standard sorts of every color.

**Finest Mixed.** Every color, unsurpassed in quality.  
Pkt. 15 cts.

## PINKS (Dianthus) ◎



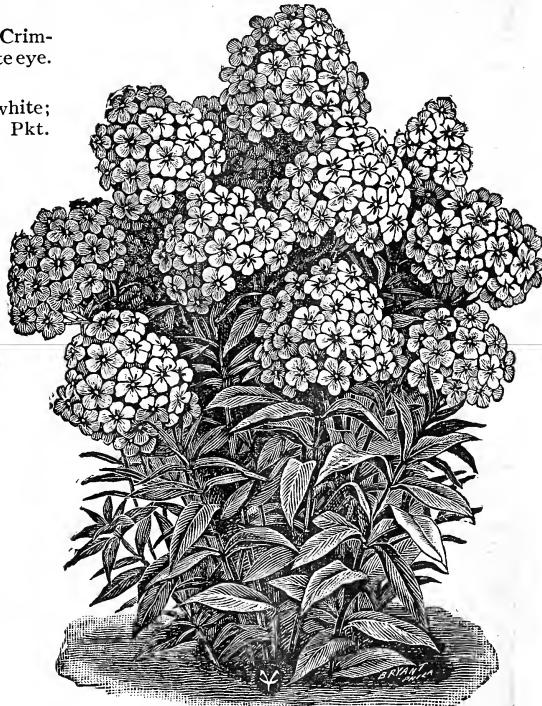
Dianthus Snow Queen

## PHLOX

### DRUMMONDI GRANDIFLORA ◎

For a splendid mass of colors and a constant display, this is not excelled by any other annual, commencing to bloom quite early and continuing until severe freezing.

The seed may be planted in the open ground May 1st or in hot bed or house earlier, and afterwards transplanted to where wanted into rich ground, eight to ten inches apart each way. Hardy annuals; one foot.



Phlox—Hardy Perennial

There are few plants which produce more flowers or a longer blooming period. Their height averages about 1 ft., making them available for edgings. Although treated as annuals, they are actually biennials, and if the winter is not too severe will make a prolific show the next year from spring till frost.

### ANNUAL VARIETIES

**Snow Queen.** (Double White Japan.) One of the prettiest of white cut flowers. Pkt. 5 cts.

**Hedewigii Flore Pleno Fireball.** (Double Scarlet Japan.) Pink. Flowers brilliant scarlet. Pkt. 5 cts.

**Hedewigii Flore Pleno.** (Double Japan Pink.) Flowers large and double; many of them finely fringed; choice mixed. Pkt. 5 cts.

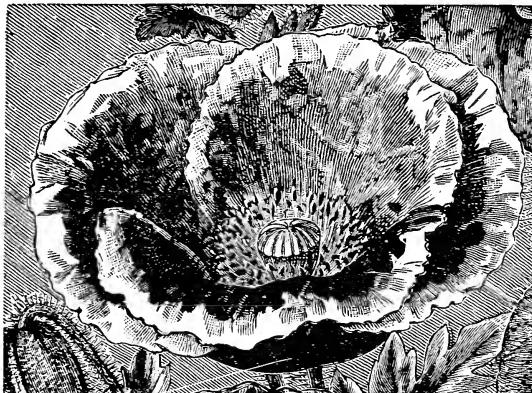
**Chinensis fl. pl.** (Double China Pink.) The colors are rich, and you hardly find two alike. Pkt. 5 cts.

**Double Choice Mixed.** Mixture of all the above double annual varieties. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Single Choice Mixed.** All single annual varieties. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 25 cts.

### PERENNIAL VARIETIES

**Plumarius, fl. pl.** Hardy perennial sweet scented garden Pinks. Double mixed. Pkt. 10 cts.



Shirley Poppy

### FLANDERS' POPPY

This is the storied Poppy of 'Flanders' Fields,' immortalized by songs and verses of the great war. Profusely blooming flowers of medium size; blood red. A generous bed of these lovely Poppies gives its own reward in color splendor; besides fitly memorializing the sacrifices of our fallen heroes. Pkt. 5 cts.,  $\frac{1}{8}$  oz. 20 cts., oz. \$1.25.

### ANNUAL VARIETIES

**American Flag.** Flowers extra large, double, snow-white, with each petal bordered with scarlet. Pkt. 5 cts.

**Tulip.** The flower resembles a Tulip in color, intense scarlet, with deep black spots at the base of each petal. Pkt. 5 cts.

**Carnation Flowered.** Brilliant, large, showy, double flowers of various colors. **Mixed.** Pkt. 5 cts.

**Shirley.** The most beautiful strain of the entire Poppy family. The colors range from blush white through many tints to bright crimson. Two and one-half feet.

**Shirley Mixed.** Pkt. 5 cts.

**Paeony Flowered.** Choice mixed. Pkt. 5 cts.

**Double Mixed.** Pkt. 5 cts. **Single Mixed.** Pkt. 5 cts.

### PERENNIAL POPPIES

The large flowered kinds average six inches across, and are imposing in spring, with their fiery bloom, on nodding stems three to four feet high. They do not bloom the first year from seed.

**Bracteatum.** Crimson, black spots in center. Pkt. 10 cts.

**Oriente.** (Oriental Poppy.) Orange scarlet. Pkt. 10 cts.

**Large Flowered Mixed.** Pkt. 10 cts.

**Iceland.** (Papaver Nudicaule.) Single, cup-shaped flowers two to three inches in diameter with ruffled petals, yellow, orange and white. Sown early in spring will commence blooming in June and continue until cold weather if not allowed to bear seed. **Mixed colors.** Pkt. 5 cts.

### PRIMROSE (Primula)

**Obconica Grandiflora Hybrida.** Fine for pot culture, also for the open border during the summer months. If sown early in spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. **Mixed colors.** Pkt. 20 cts.

**Chinese Fringed.** One of the finest plants for winter and spring blooming in the house or conservatory; they do well in a cool room and in a north window where most other plants fail; in bloom all winter. Greenhouse perennials. **Mixed Colors.** Pkt. 25 cts.

### PYRETHRUM ◎

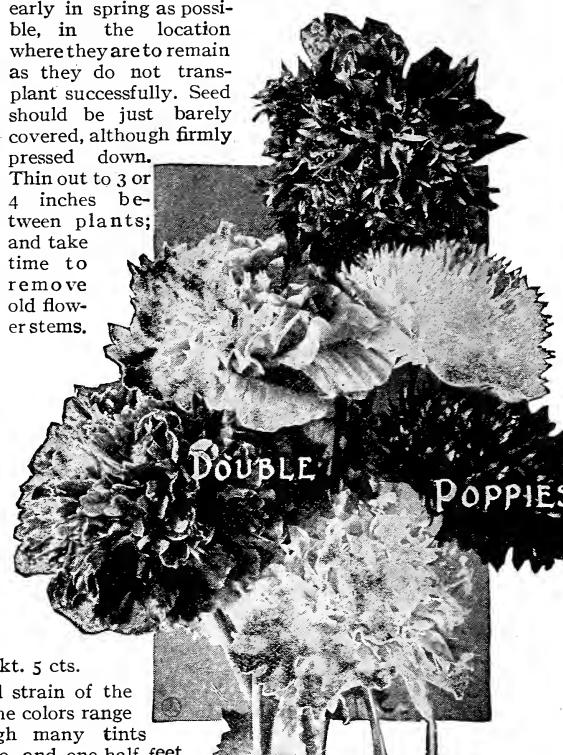
**Roseum Hybrida.** Showy, hardy perennials, blooming the first season if sown early. They grow two feet high. The foliage is fine. The flowers are large and in color white, rose, crimson and scarlet. A fine cut flower.

**Double Mixed.** ◎ Pkt. 25 cts. **Single Mixed.** ◎ Pkt. 10 cts.

## POPPIES (Papaver)

Poppies are among the most interesting of the garden flowers. There is something so romantic about their vivid, startling colors; their graceful flower shapes; their fern like foliage; and a certain undefined sentiment connected with their whole history. All annual Poppies should be sown as early in spring as possible, in the location where they are to remain as they do not transplant successfully. Seed should be just barely covered, although firmly pressed down.

Thin out to 3 or 4 inches between plants; and take time to remove old flower-stems.



Salpiglossis Emperor



## RICINUS

(Castor Oil Plant)

This tender annual plant has enormous leaves beautifully lobed. Planted singly it makes a perfect pyramid, thickly set with its broad palmate leaves; a large group of them gives a fine tropical effect. Sow in hot bed and transplant when three leaves have formed, or sow in ground where they are to grow.

### Sanguineus.

Tall, with reddish stalks. Large ornamental reddish purple leaves. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Zanzibarensis, Mixed.** Robust strong grower, foliage green and red. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.



Castor Oil Plant

## SALPIGLOSSIS ◎

The colors are marbled and penciled purple, scarlet, crimson, yellow, buff, blue and almost black. Many of the flowers have the appearance of being sprinkled with gold dust. Bloom from August to October. Produced on long stems making an ideal cut flower. Very easily grown. Half-hardy annual; 2 feet. **Emperor.** Choice mixed. Pkt. 5 cts.

## SALVIA (Scarlet Sage)

This very popular plant is a tender perennial, but should be treated as an annual. Its beautiful flaming spikes of blossoms will add more to a border than any other plant, and where a brilliant scarlet is wanted it is unsurpassed.

**Clara Bedman.** (Bonfire.) It grows about two feet high and as many broad and very compact. Its long spikes of fiery scarlet flowers stand up stiff and erect well above the foliage. Pkt. 10 cts.

**Drooping Spikes.** This large flowering variety has three times the flowering capacity on each spike of the ordinary *Salvia Splendens*. The flowers are produced in great numbers causing the spikes to droop by their own weight. Pkt. 10 cts.

**Splendens.** One of the most gorgeous of annuals, blooming redly throughout the summer and fall. The plants grow from one and one-half to three feet in height, inclined to branch freely towards the top, and are completely covered with showy sprays of bright scarlet flowers, usually until cut down by frosts. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**King of the Carpets.** A very dwarf free flowering type; splendid for beds and borders. If planted close, the bed will look like a bright red carpet. Pkt. 15 cts.

**Zurich.** A dwarf variety, but with long full spikes of rich scarlet flowers. It is free blooming, commencing early and continuing with unabated brilliancy until late in the season. Pkt. 10 cts.

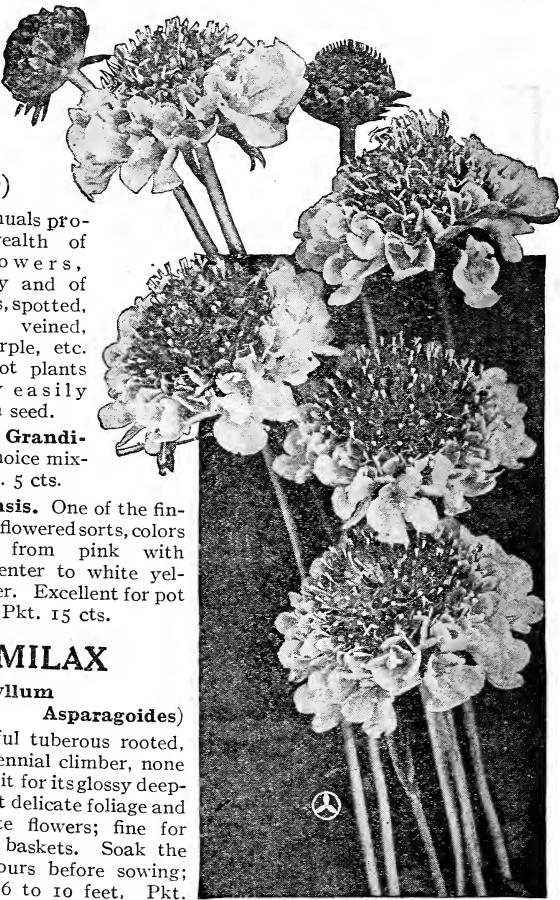


Salvia Zurich

**SCABIOSA** ◎**(Mourning Bride or Sweet Scabiosa)**

One of the handsomest summer border plants, producing in great profusion splendid flowers for table bouquets, etc. Hardy annual; 2 to 3 feet.

**Double.** All colors mixed. Pkt. 5 cts.



**Schizanthus**

These annuals produce a wealth of beautiful flowers, very dainty and of many colors, spotted, blotched, veined, orange, purple, etc. Fine for pot plants and very easily grown from seed.

**Hybridus Grandiflora.** Choice mixed. Pkt. 5 cts.

**Wisetonensis.** One of the finest large-flowered sorts, colors ranging from pink with brown center to white yellow center. Excellent for pot plants. Pkt. 15 cts.

**SMILAX****(Myrsiphyllum****Asparagoides)**

A graceful tuberous rooted, tender perennial climber, none surpassing it for its glossy deep-green, most delicate foliage and small white flowers; fine for vases and baskets. Soak the seed 24 hours before sowing; 6 to 10 feet. Pkt. 10 cts.



**Giant Ten Weeks Stocks**

**Scabiosa (Mourning Bride)**

**STOCKS** (Gilly Flowers)

The Gilly flower is very useful for bedding on account of its very full and persistent bloom. The flowers come in close-set, thick panicles not only on the main stems but in many side branches. There is some variation as to height, but they will average close to 2 feet. The numerous distinct colors are quite flashy and are particularly acceptable in August and September when flowers are scarce. Sow in hot beds or boxes during March and April, transplanting to boxes or pots; when weather becomes suitable, transplant to open ground, about one foot apart, for early flowers. Sow in open ground in May. Plants may be lifted in fall and potted up for winter blooming indoors.

**LARGE FLOWERING DOUBLE TEN WEEKS**

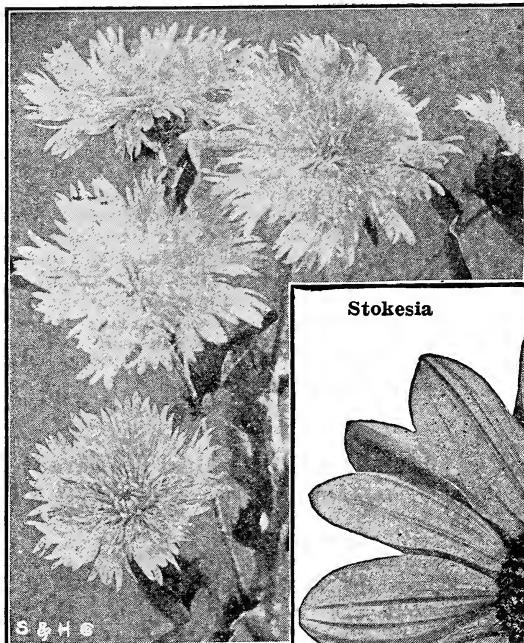
The "Ten Weeks" Stocks bloom in a wide range of color, from 10 to 12 weeks after being sown; grow from 6 to 18 inches high, and in light, rich soil bear an immense quantity of bloom, each plant forming a perfect bouquet of delightful fragrance. Half-hardy annual.

**Princess Alice.** (Cut and Come Again.) A valuable cut flower variety of the perpetual blooming type. Double pure white. Pkt. 10 cts.

**Double Dwarf Mixed.** Early flowering; a choice assortment. Pkt. 10 cts.

**Double Giant Perfection Ten Weeks.** Tall, late flowering class. Choice mixed. Pkt. 10 cts.

**Brompton Winter.** Blooms well in winter. Half-hardy biennial; 1½ feet high. All colors mixed. Pkt. 10 cts.

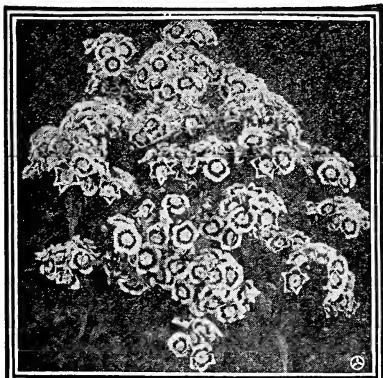
**Double Chrysanthemum**

**Flowered.** Grows about six feet high and blooms profusely. The perfectly double flowers are bright yellow, of different sizes, from 3 to 6 inches in diameter. Pkt. 5 cts., oz. 25 cts.

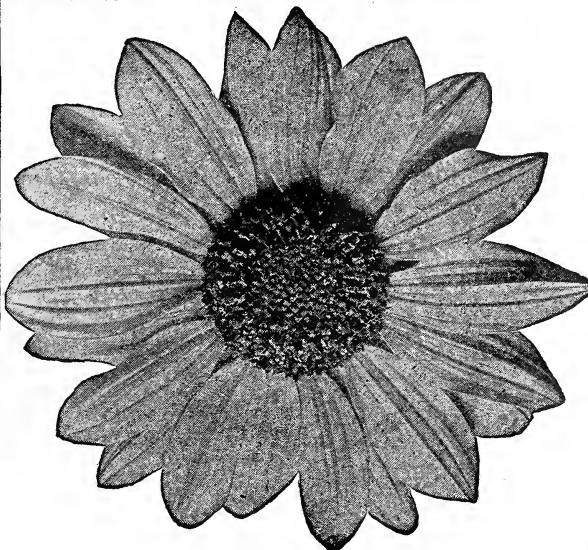
**Large Russian.** A very tall growing double variety; 10 to 15 ft. The seed used for poultry. Oz. 5 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts. By express 10 lbs. or more at 15 cts. per lb.

## ◎ HARDY SWEET WILLIAM (*Dianthus Barbatus*)

There is perhaps no garden flower more favorably known or more freely planted than the Sweet William. They are easily grown from seed and produce a wonderful array of vivid colors in fancy patterns. Flowers are shaped and clustered much like Phlox, with equally vivid coloring; the markings, however, being more sharply defined. Perfectly hardy.



“Sweet William”

**Stokesia**

New Red Sunflower



Helianthus Double Chrysanthemum Flowered

**STOKESIA (Stokes Aster)**

A splendid perennial for garden culture, in beds or borders. Blooms first year from seed.

**Cyanea.** Showy deep lavender blue, aster-like flowers, produced in clustered heads from early June till late in the fall. Pkt. 10 cts.

**Alba.** A new sort, identical with Cyanea, except it is a pure white. Pkt. 10 cts.

**SUNFLOWER® (Helianthus)**

“Cut and Come Again.” (The Ever - Blooming Type.) The single flowers, 3 to 4 inches across, are borne on long stems admirably adapted for vases. Choice colors in mixture. Pkt. 10 cts.

**Purpureus.** (New Red Sunflower.) The flowers come in various shades of red, and red margined with yellow, ranging from two to five inches in diameter. Plants grow from five to eight feet high, branch freely and are covered with bloom. Makes an excellent plant for screens or hedges and provides a valuable cut-flower. Pkt. 10 cts.

**Mixed**  
**Single.** Very fine. Pkt. 5 cts.

**Mixed**  
**Double.** Perfectly double, great variety. Pkt. 10 cts.

**ANNUAL SWEET WILLIAM**

**Choice Mixed.** These are almost identical with the perennial varieties in form of flower, rich and dainty coloring and fragrance, but unlike the perennials which do not bloom until the following year, these are annuals, blooming the same year the seed is sown. Makes an excellent bedding or border plant, besides a good flower for cutting. Pkt. 5 cts.

# SWEET PEAS<sup>®</sup>



Locate your planting where there will be uninterrupted sunlight, in as good soil as possible, thoroughly mixed with well rotted cow manure. Seed should be sown before the first of April if weather will permit, about six inches down in the trench, and covered with an inch of firmly pressed soil. Thinning out to 2 to 4 inches apart is the better policy, and a little soil may be drawn in to give greater depth to the roots. Vining support in the form of brush, chicken wire or taut strings should be early supplied, preferably at the time of sowing. Water during dry weather, and pick often to ensure continuance. The earliest spring bloom may be had by sowing seed in August.

## SPENCER TYPE (Orchid Flowered)

A distinct race of beautifully waved and frilled flowers of enormous size, just now on the top wave of popularity.

### General Price

Unless specially noted, all varieties of Spencer Sweet Peas are Pkt. 10c; oz. 35 cts.

**SEE THE COLOR COVER**  
Attention is directed to the third cover page which accurately paints seven distinct shades to be found among our lists of Spencers. We are offering a mixture of Spencer Sweet Peas 10 cts. per pkt., 25 cts. per oz., 75 cts. per  $\frac{1}{4}$  lb., \$2.25 per lb.

**Alexander Malcolm.** (New.) Glowing scarlet cerise. Pkt. 10 cts., oz. 50 cts.

**Apple Blossom Spencer.** An exact reproduction of Apple Blossom color, and the splendid wavy blossoms of the Spencer type.

**Asta Ohn.** A giant frilled lavender. The long erect stems usually carry four of the enormous flowers. Color soft and pleasing.

**Beatrice Spencer.** Lemon and buff, wings pure pink.

**Blue Jacket.** Natty navy blue.

**Bolton Scarlet.** Very brilliant. Pkt. 10 cts.; oz. 40 cts.

**Constance Hinton.** A robust, black seedbed variety of easy germination, producing in fours and fives, pure white flowers of truly remarkable size. These measure as much as  $2\frac{1}{2}$  inches across, and are deeply waved.

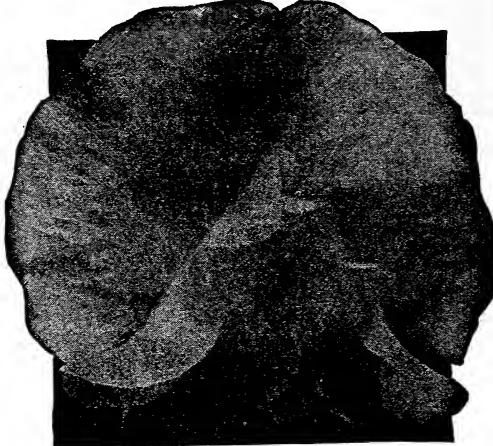
**Countess Spencer.** The original of the Spencers. Standard finely waved, clear pink wings.

**Dainty Spencer.** A most beautiful pink-edged variety; the ground color is pure white, with a very distinct margin of rose-pink. The flowers are of largest size, well frilled and gracefully placed on long strong stems.

**Dobbie's Cream.** This is the best Cream Spencer to date. Large waved flowers of pleasing color.

**Dobbie's Sunproof.** Fine crimson, very large percentage of four blossomed sprays.

**Florence Morse.** A favorite dark pink Spencer.



**King White Spencer**

**Fiery Cross.** This variety, a fiery red, has the appearance in the light of glowing like living fire. The standard is a fiery red or rich crimson, while the fluted wings are a rich cherry orange. Fiery Cross is not damaged by exposure to the sun's rays.

**Florence Nightingale.** A magnificent lavender. Standard and wings large and well waved.

**Geo. Herbert Carmine.** A new Spencer, bright rosy carmine in color.

**Geo. Herbert Lavender.** Bluish lavender, claimed to be superior to F. Nightingale.

**Helen Lewis.** A true orange Spencer.

**Helen Pierce Spencer.** White; veined, mottled and marbled with bright blue. Very attractive gloxinia-like coloring.

**Heracles.** A much larger and stronger counterpart of Countess Spencer; lively rose-pink.

**Illuminator.** The ground color is a warm salmon-orange with bright cerise-pink. Flowers, which are placed on long stout stems, are expanded and beautifully waved.

**Ivorine.** A pretty and dainty variety. Ground color cream, suffused with buff-pink. Pkt. 10cts., oz. 50cts.

**King White.** The white is pure and opaque; stems long, bearing almost uniformly, fours; immense petals of finest frilled type. In strength of vine, size of flower, frilled form and finish, it is truly "king."

**King Edward VII Spencer.** The grand carmine, scarlet flowered Spencer. Flowers are deeply frilled.

**Maud Holmes.** Fine crimson.

## SPENCER SWEET PEAS—Continued



New Early Snowflake

**Masterpiece.** Lavender, one of the finest. Immense flowers borne in fours.

**Mrs. Tom Jones.** (New.) Bright blue. Pkt. 10 cts., oz. 50 cts.

**New Miriam Beaver.** An extra choice new variety of most delicate tones; soft chamois shell-pink shaded with apricot.

**Othello.** Magnificent maroon.

**Primrose Spencer.** A very long-stemmed clear primrose yellow.

**The Cardinal.** (New.) Very large, very wavy, very showy; intense poppy-red. Pkt. 10 cts., oz. 50 cts.

**Vermilion Brilliant.** A brilliant scarlet. Bold standard, splendidly waved.

**Warrior.** (New.) Rich reddish, bronze maroon; flowers boldly formed and the best in this shade.

**Wedgewood.** A lovely, unique shade of Wedge-wood blue, in much demand. A profuse bloomer of large sized flowers which are beautifully waved.

**White Spencer.** It has a very large fluted and crinkly standard. Flowers borne three and four on long stems.

Above, unless noted, Pkt. 10 cts., oz. 35 cts.

**Spencer Mixed.** All varieties and colors in a delightful mixture conceded to be the best result-getter of any Sweet Pea mixture on the market. See third page of cover. Pkt. 10 cts., oz. 25 cts., 2 oz. 40 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.25.

### “EARLY FLOWERING” SPENCER SWEET PEAS

Fully as large flowered as the other Spencers; come into bloom from two to three weeks earlier and flower throughout a long season.

**Early Asta Ohn.** Large lavender; usually borne in fours, finely waved and frilled.

**Early Heatherbell.** Upon first opening this is a pleasing mauve, but after being cut a short time changes to a beautiful mauve lavender.

**Early Harmony.** Deep lavender, very large and fine.

**Early Hercules.** (New.) Bright rose-pink on a white ground.

**Early Helen Lewis.** One of the most pleasing shades. A rich suffusion of orange and crimson.

**Early Meadow Lark.** Large waved flowers in a dainty shade of cream.

**Early Morning Star.** (New.) Makes a brilliant display of flame tones, fiery orange scarlet standards, with orange pink wings.

**Early Mrs. A. A. Skach.** Flowers bright shell pink, beautifully frilled, usually borne in fours.

**Early Snow Flake.** (New.) Long stemmed, large flowered, probably best of the all-white earlies.

**Early Yarrawa.** Very large frilled flowers borne upon strong, erect stems. Color at first is rose, changing later to a clear pink; wings are blush tinted with buff.

**Early Flowering Varieties, each, Pkt. 15 cts.**

### ECKFORD’S SWEET PEAS GRANDIFLORA STRAIN

This strain, while not waved and crimped as Spencers, are indeed fine. Many blossoms are as large as the finest Spencers. The mixture comprises all shades and colors in well balanced proportions.

**Eckford’s Grandiflora Mixed.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

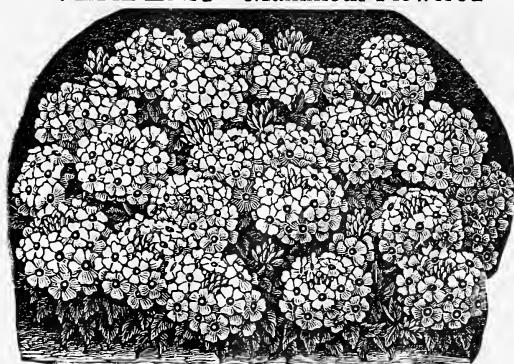
### TAGETES

**Signata Pumila.** A showy, dwarf, compact, little Marigold, fine for borders and edging beds. Rarely grows 12 inches high and has delicate fern-like foliage. Covered all summer with a wealth of golden-yellow flowers. Pkt. 5 cts.

### THUNBERGIA

Beautiful, rapid growing rather shrubby climbers, with a plentiful supply of trumpet shaped flowers in various colors and markings; fine for vases, rustic work or greenhouse culture. Half-hardy annuals; five feet. Fine mixed. Pkt. 5 cts.

### VERBENA—Mammoth Flowered



In good soil, the Verbena, as an annual creeper, produces abundant foliage and is literally covered with large umbels of brilliant blossoms. For early blooms sow in boxes and transplant into rich soil fifteen inches apart. May be sown in April in the open and thinned. This choice strain has large flowers of very brilliant colors.

**Pink.** Pkt. 10 cts. **Blue and Purple Shades.**

**Yellow.** Pkt. 10 cts. **Pkt. 10 cts.**

**Scarlet.** Pkt. 10 cts. **Mixed.** All shades, Pkt. 10

**White.** Pkt. 10 cts. **cts.,  $\frac{1}{4}$  oz. 25 cts.**

**Lucifer.** A new variety of very decided and distinct shade especially welcome to this splendid type of flowers, because it is the pioneer in its color. Its even, deep, vivid cardinal-scarlet color coupled to the compactness and size of its class is bound to make this new variety exceedingly popular, and add prestige to the entire list for brilliant bedding. Pkt. 20 cts.

### WALL FLOWER

Deliciously fragrant flowers in long, full spikes which are very free and pretty during the spring. They combine many shades of color; the orange, purple and chocolate predominating. Tender perennial, requiring winter protection in the north.  $1\frac{1}{2}$  ft.

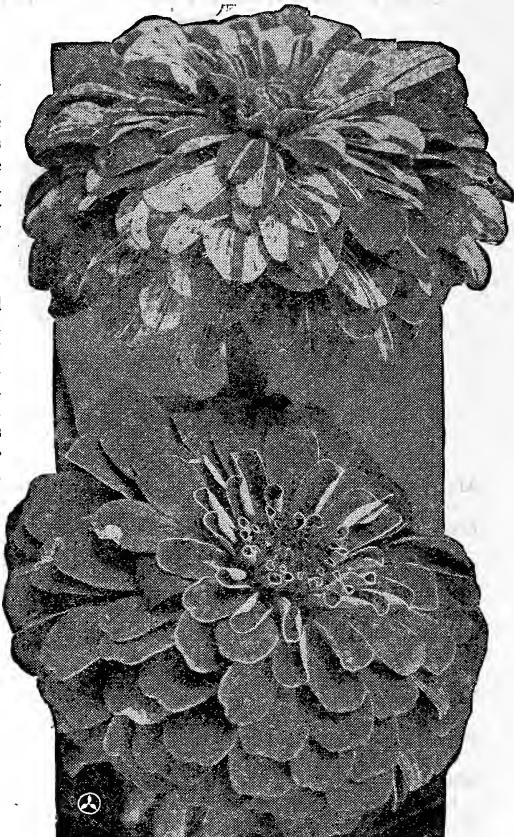
**Double Mixed.** Pkt. 10 cts. **Single Mixed,** Pkt. 10 cts.

# ZINNIAS®

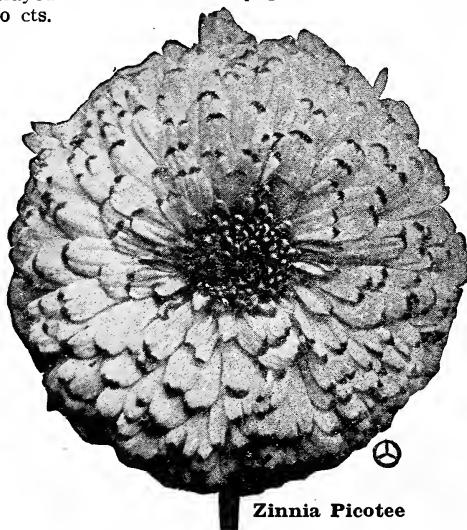
Few flowers are so easily grown from seed sown in the open ground or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. We recommend them for groups, beds, borders and summer hedges, where they will bloom quite freely, but are incomparably bright during the month of August. Sow seed in the open ground early in spring or start them in hotbed or warm window and transplant when the ground is suitably warmed. Height  $1\frac{1}{2}$  to 2 feet.

## NEW DOUBLE ZINNIA

**Dahlia Flowered.** This mammoth sized, unusual shaped and color perfected type is but just getting into circulation. They very closely resemble the double decorative type Dahlias in form and in their robust growth. Plants get up to 3 feet in height, with perfect flowers often 6 inches wide by 3 and 4 inches in depth. These range widely as to color, even introducing some tones unusual to Zinnias. You will find this type faithfully portrayed in colors on second page of cover. Pkt. 20 cts., 3 pkt. 50 cts.



Zebra and Giant Scarlet Zinnias



Zinnia Picotee

## NEW GIANT ZINNIA

**Picotee.** This novelty is the most attractive thing in all the race of Zinnias. The flowers are of a Giant type, each petal distinctly tipped with a darker shade as in Picotee Carnations. They come in a variety of colors, including orange, flesh, lemon, pink and cerise, each with the peculiar marking on tips of petals. This is an odd yet wonderfully beautiful Zinnia. We offer in mixture only, cannot supply separate colors. **Picotee Mixed.** Pkt. 25 cts.

## GIANT DOUBLE FLOWERED ZINNIAS

These are not to be confused with the common or small flowered strains, as they are a distinct race of truly giant flowered Zinnias.

**Giant Flowered Crimson.** A rich shade. Pkt. 10 cts.

**Giant Flowered Orange.** Pure orange. Pkt. 10 cts.

**Giant Flowered Pink.** Clear light pink. Pkt. 10 cts.

**Giant Flowered Purple.** Deep. Pkt. 10 cts.

**Giant Flowered Scarlet.** A flaming red. Pkt. 10 cts.

**Giant Flowered White.** Pure snow white. Pkt. 10 cts.

**Giant Flowered Mixed.** A splendid mixture of all of the above and others. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

## ZEBRA ZINNIAS

Flowers of all colors, many of which are striped and spotted with different shades. Mixed colors. Pkt. 10 cts.

## DOUBLE POMPON ZINNIAS

Flowers small and of good shape; double and of beautiful form; fine for bouquets. Fine mixed colors. Pkt. 5 cts.

## CURLED AND CRESTED ZINNIAS

The flowers of this fine class of Zinnias are large, full and double, the petals being twisted, rendering them free from stiffness. A variety of splendid colors. Pkt. 10 cts.

## S. & H. CO. "COLOR RIOT"

### Wild Garden Mixture

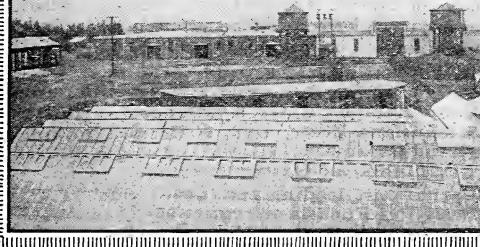
Many of our customers desire to have a wild garden with all kinds of flowers in it. And others have only a small plot and don't know what to plant. For these customers we have prepared a mixture of all desirable annuals, for effect the first year. For those that desire a permanent "Wild Garden," our "Color Riot" Perennial Mixture is recommended. Either mixture is just what the name implies—a veritable riot of color.

**"Color Riot" Annual Mixture.** Contains a mixture of hundreds of free flowering annuals that will give amazing effect the first year. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**"Color Riot" Perennial Mixture.** A splendid mixture of permanent flowers, all free flowering and very desirable. Pkt. 10 cts., oz. 35 cts.



# PLANT DEPARTMENT



THIS DEPARTMENT embraces the output of 45 large greenhouses, numerous up-to-date propagating frames and more than 25 acres of land. It embraces a great assortment of Summer Bedding Plants, Flowering House Plants, Decorative Plants, Vining Plants for boxes and baskets, Summer Flowering Bulbs, Tender Roses, Aquatic Plants and a splendid collection of Hardy Perennial Plants. In a few things—such as Flowering Begonias, Fuchsias, Ferns and Palms—we have probably the largest and most complete stocks in the country. In all other kinds and varieties, our supply is commensurate with our trade requirements as

## THE LEADING DEPARTMENTAL NURSERY OF AMERICA.

**PRICES.** All prices listed under this department are priced for delivery by mail, postage prepaid—unless otherwise specified. Express shipments are not prepaid.

**Shipment by Mail.** To reduce weight and volume, all pot plants are shipped without pots, and with most of the dirt knocked off. Various kinds of plants cannot be safely mailed, and are specially excepted following their descriptions. Mail service is generally prompt and satisfactory for any distance if weight is not too great to allow sufficient packing for preservation of the stock.

**Shipment by Express.** The heavier plants are selected; nearly all the soil is retained; adequate packing material used and substantial cases or containers are furnished free—on deliveries by express. In many cases a special and lower price is quoted for express orders.

**No Plants by Freight.** The slowness and uncertainty of freight service make its use very impracticable and unsafe for all tender plants and perennials. If such stock is ordered shipped in this way, customer must assume entire risk of loss or damage.

**We Guarantee Safe Arrival.** Shipments of stock listed under Plant Department, by mail or express, are guaranteed to reach destination in good condition. We should be advised if delivery is not made within a reasonable time after notification is mailed from this office. Examine stock carefully upon arrival, and report **promptly** any items damaged or in poor condition, both to us and to the delivering Express company. After safe delivery in good condition, we do not assume responsibility for future growth or failure.

**I**N ADDITION to our greenhouse equipment, we have an ample complement of first class, up-to-date propagating and storage frames and commodious assembling, packing and storage rooms. On account of government embargo, all nurseries are temporarily without any supply of imported stock, such as Azaleas, Boxwoods, Bay Trees, Tree Roses, etc.

**A** mammoth new Rose cellar, built to cover the results of many years experimenting, keeps our field grown Roses dormant and in fine condition until planting time. If "preparedness" in the matter of competent equipment, regardless of expense, has any practical virtue, the patrons of our Plant Department should receive the best service and conditioned stock obtainable in this country.

### CIRCULAR BED PLANTING TABLE

We receive so many inquiries as to number of plants required for beds of various sizes, the following table is offered to furnish such information. If plants are to be 6 inches apart, commence outside row 3 inches from edge of circle; if 12 inches apart, then 6 inches from edge, etc. It is important to make the outer rows compact, although the inner rows may be more openly spaced. The table below is for circular beds, but a square will require about the same number of plants. An oval bed may be compared to a diameter found by adding length to breadth and dividing by 2.

Diameter of bed.	Plants 6 in. apart.	Plants 12 in. apart.	Plants 18 in. apart.	Plants 24 in. apart.	Plants 30 in. apart.
3 feet	28	7			
4 "	48	12	6		
5 "	80	20	8		
6 "	112	28	13	7	
7 "	152	38	17	9	
8 "	200	50	23	12	
9 "	256	64	28	16	
10 "	320	80	36	20	
11 "	380	95	42	24	16
12 "	452	113	50	28	18
13 "	528	132	59	33	22
14 "	612	153	68	39	25
15 "	704	176	78	44	28
16 "	804	201	89	50	32
17 "	904	226	100	57	36
18 "	1016	254	113	63	40
19 "	1132	283	126	71	46
20 "	1256	314	139	78	50

# MAIL ORDER BARGAIN COLLECTIONS

## OF PLANTS AT HALF PRICE—OUR SELECTION OF VARIETIES

These Bargain Collections are given prominence at the commencement of Plants, merely as a convenience to readers who are seeking such; and should not be considered as cheapening the dignity of valuable and distinctive products offered regularly on succeeding pages.

IN GETTING an order together and preparing it for shipment, there is a lot of work connected with the process which is just as expensive to us on a single plant as it would be for a dozen or many more. Hence, on orders for tens, dozens, or hundreds of a kind, we can afford to price at a much lower rate than for one or two merely of a kind. The following collections enjoy the price benefit of being assembled in large numbers at one time.

FOR 85c

We will send any one of the following plant collections, **post-paid**, thus giving about double the money's worth in every collection. Plants and bulbs used in filling these collections are not the cheapest varieties by any means. Many times we have a surplus of novelties and especially good varieties and these collections enable us to give our customers the benefit of our over-production.

### Please Notice Conditions.

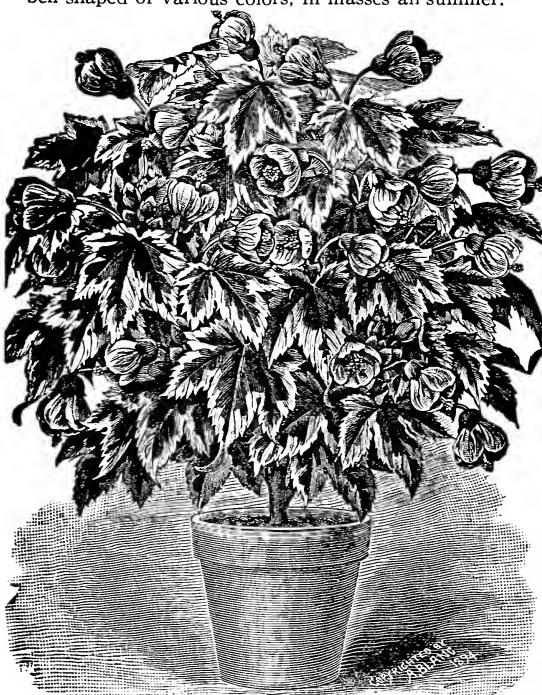
(1) Choice of varieties must be left to us, the purchaser simply mentioning the numbers of collections wanted.

(2) The prices of all collections are **NET**, except that we will send five collections for \$3.75.

- Set No. 1.. 10 Everblooming Roses, in 10 varieties.
- Set No. 2.. 5 Everblooming Roses and 5 Hardy Climbing
- Set No. 3.. 5 Baby Rambler Roses, 5 varieties. [Roses.
- Set No. 4.. 5 Wichuriana Roses and 5 Hardy Climbing
- Set No. 5.. 10 Grand Geraniums, double and single. [Roses.
- Set No. 6.. 10 Geraniums, all classes assorted.
- Set No. 7.. 10 Carnations, leading varieties.
- Set No. 8.. 7 Beautiful Fuchsias, 7 varieties.
- Set No. 9.. 8 Flowering Begonias, distinct sorts.
- Set No. 10.. 7 Large flowered Cannas.
- Set No. 11.. 10 Fine Chrysanthemums.
- Set No. 12.. 10 Bedding or Basket Plants, 10 varieties.
- Set No. 13.. 1 Calatium Esculentum, 4 Cannas and 12 Gladiolus.
- Set No. 14.. 30 Gladiolus, choice mixed, all blooming bulbs.
- Set No. 15.. 3 Violets, 4 Geraniums, 3 Carnations.
- Set No. 16.. 5 Roses and 5 Geraniums, all different.
- Set No. 17.. 5 Carnations and 5 Roses, all different.
- Set No. 18.. 4 Chrysanthemums, 3 Carnations and 3 Roses.
- Set No. 19.. 7 Choice Hardy Herbaceous Plants, 7 varieties.
- Set No. 20.. 5 Assorted Hardy Herbaceous Plants, and 5 Chrysanthemums.
- Set No. 21.. 4 Small Palms, choice varieties.
- Set No. 22.. 4 Dahlia, 4 varieties.
- Set No. 23.. 6 Hardy Ornamental Shrubs, 6 varieties.
- Set No. 24.. 6 Hardy Climbing Vines, 6 varieties.
- Set No. 25.. 6 Ferns in variety.

## ABUTILON (Flowering Maple)

Always popular for pot plants, for summer bedding or in vases and baskets. Their flowers are perfect bell-shaped of various colors, in masses all summer.



Abutilon Souvenir de Bonn

**Daydawn.** Flowers bright daybreak pink. 20 cts.; \$2.00 per dozen.

**Golden Bell.** Tall growing, profuse in golden bloom.

**Savitzi.** A Japanese variety that is deservedly popular as a decorating plant, with sharply variegated green and white foliage.

**Snowstorm.** Flowers pure white.

**Souvenir de Bonn.** Deep green maple-shaped leaves, irregularly bordered with creamy white. Very free flowering, with bright orange flowers, veined crimson.

**Splendens.** A beautiful deep red variety, dwarf.

**Thompsoni.** Flowers salmon-pink, foliage blotched with yellow.

Unless noted, 25 cts. each; \$2.50 per dozen.

## ABELIA

**Chinensis Grandiflora.** Graceful half-hardy shrubs with shiny foliage and masses of small bell-like white flowers throughout the season. One year field grown plants, 50 cts. each; \$5.00 per dozen. Small pot plants, 25 cts. each; \$2.50 per dozen.

## ACHYRANTHUS

Thrive in any soil; are not easily killed by frost. They make intensely bright beds, and show off splendidly in borders to taller growing plants.

**Herbsti.** Transparent leaves of rosy carmine, intensely brilliant. A new form which has superseded Brilliantissima on account of the greater brilliancy of its color, and more compact and dwarfer growth.

**Emersoni.** Leaves of glittering garnet, reverse side purple wine-color; veins and stems carmine.

**McNally.** Red stemmed; bright, rich green with yellow arching veins. A robust grower.

15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.



Acalypha Sanderi

**ACALYPHA**

One of the popular types of bedding plants, combining various attractive leaf-formations with subdued, but none the less effective, coloring.

**Bicolor Compacta.** Large ovate leaves of deep green, bordered and heavily barred yellow. 25 cts.

**Marginata.** Very large, waxy leaves of olive brown, with a saw-toothed edge of old rose. 25 cts.

**Sanderi.** (Chenille Plant.) Foliage deep glossy green; the flowers being fuzzy, bright red, rope-like pendants, often 18 to 20 inches long, drooping from the axil of each leaf. They make showy specimen pot plants, and are very cheerful subjects for summer bedding. 25 cts. each; \$2.00 per dozen.

**Triumphans.** Crisp, pointed, ovate leaves of light red, fantastically marbled in darker shades; like an immense autumn leaf. 25 cts.

**AGERATUM**

Useful in all summer bedding schemes, as well as for baskets and vases, on account of their supplying the serious lack of blue shades among bedding plants. They appear to greatest value as an edging or massed in liberal quantities.

**Blue Perfection.** Large clusters, bright blue with purplish shadings.

**Blue Star.** Bright blue, star shaped flowers in large clusters; even, dwarf growth.

**Tapis Blue.** Dark and showy.

**White Cap.** Pure white.

15 cts. each; \$1.25 per dozen. By express, \$8.00 per 100.

**ALOYSIA CITRIODORA**

The well known "Lemon Verbena," noted for its delightful fragrance of foliage. No garden is complete without it. 20 cts. each; \$2.00 per dozen.

**ALLAMANDA**

**Hendersoni.** Magnificent flower-bells three to four inches in diameter; the richest, purest, waxiest yellow imaginable, and sweetly fragrant. Plant is strong growing, with a decided climbing tendency which makes it valuable for training on conservatory pillars and interior trellises. 25 cts. each.

**ALTERNANTHERA**

Bright, dainty little foliage plants extensively used for dwarf edging and for carpet bedding.

**Aurea.** Dense, fine leaved; bright yellow touched with green.

**Brilliantissima.** Rather broad leaves, bushy growth; mottled bronze and cream, but mostly bright red.

**Carroll Park.** Compact, slender leaved variety, showing a bright rose pink effect.

15 cts.; \$1.25 per dozen. By express, \$8.00 per 100.

**ANTHERICUM**

**Vitatum Variegatum.** Very fine decorative plant for the house, but perhaps even more valuable for urns and vases. The foliage is handsome, bright green, evenly striped and margined white. 20 cts. each; \$2.00 per dozen. 4 inch pots 35 cts. each; \$3.50 per dozen.

**Mandaijanum.** A new variety, useful, when small, as center to jardinieres. Larger plants are very attractive in porch boxes and hanging baskets. The leaves are only about six inches long, dark green, with a creamy yellow streak down the center; the crest of each flower stem reproducing a new plant complete. 20 cts. each; \$2.00 per dozen.

**ASPARAGUS**

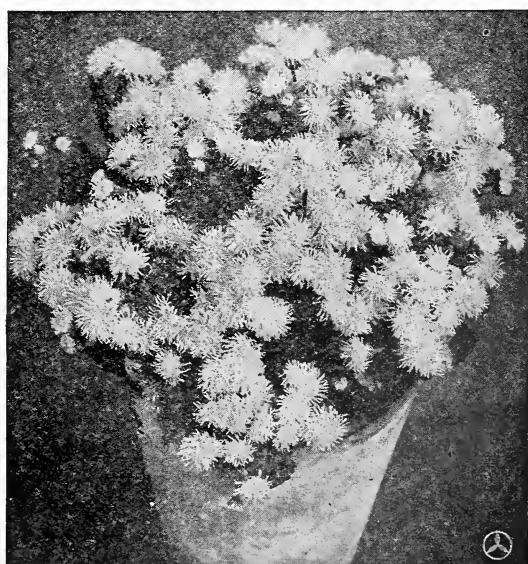
Brilliant dark green foliage plants, unquestionably the most used of any indoor trailing plants for bracketed pots, window boxes and hanging baskets.

**Plumosus Nanus.** The lace-like texture of its foliage outclasses Maiden Hair Fern for grace and daintiness; the long emerald sprays making a rich setting for cut flowers of all descriptions.

**Sprengeri.** Mostly used for hanging baskets where its long dense trails make a gleaming mass of green.

20 cts. each; \$2.00 per dozen.

4 inch pot plants 35 cts.: \$3.50 per dozen.



Ageratum

## AUCUBA



**Japonica Punctata.** (Gold Dust Plant.) A fine bold plant, especially attractive as large specimens, useful and graceful as palms for hall decoration and a splendid subject for the summer veranda. Leaves are broad; rich, shiny green thickly spotted with gold. 3 inch pots—6 to 8 inches high. 35 cts. each; \$3.50 doz.

By express:

4 inch pots—8 to 10 inches high. 60 cts. each; \$6.00 doz.  
6 inch pots—15 to 18 in. high. \$1.25 each; \$12.00 doz.

## BEGONIAS

Few families of house plants are so entirely satisfactory in every way as the Begonias. They are rich in color and beautiful in design, and all classes are easily handled under any condition.

## REX BEGONIAS

The broad leaves, high coloring and exquisite markings of Rex Begonias makes them invaluable as decorative plants for house culture. They make excellent plants for baskets and vases, if given plenty of moisture and not exposed to the full rays of the sun. We have an unusually good stock and variety this year.

Mixed varieties, varied colorings, 25 cts. each; \$2.50 per dozen.



## TUBEROUS ROOTED BEGONIAS



When grown outside, the Tuberous Rooted Begonias should be taken up before cold weather, spread out to dry, and be packed away in boxes of dry sand and stored through winter in some cool place, yet not where frost can reach them. Some little time before planting outside in spring they should be potted and kept inside until well started. They delight in a partially shaded location in soil composed of leaf mold, sand and well rotted manure.

**SINGLE FLOWERED.** Separate colors, **white, pink, scarlet, crimson, salmon and yellow.** 25 cts. each; \$2.50 per dozen; \$18.00 per 100.

**DOUBLE FLOWERED.** Varieties in separate colors, **white, pink, scarlet, crimson, salmon and yellow.** 30 cts. each; \$3.00 per dozen; \$22.00 per 100.

## FLOWERING BEGONIAS

## TWO NEW VARIETIES

**Betty Farr.** This charming little plant has all the prodigal blooming spirit of the Semperflorens type, and shapes up into nicely rounded balls of glossy green even in thumb pots. The abundant bloom is colored a warm, bright, rose-pink; the whole general appearance suggesting a miniature Chatelaine. This novelty should become instantly popular as a dainty pot plant; and will fit in nicely for very dwarf bedding. 25 cts. each; \$2.50 per dozen.

**Pink Profusion.** This new variety tells its story in the name. It would be a splendid blooming plant either for bedding or as a house plant on account of its beauty and good habits; but there never was offered a more extravagant bloomer than this Begonia. From the smallest pots up, and almost continuously, it is alight with clustered blossoms in that soft, silvery pink shade so well liked in Prima Donna. 25 cts. each; \$2.50 per dozen.

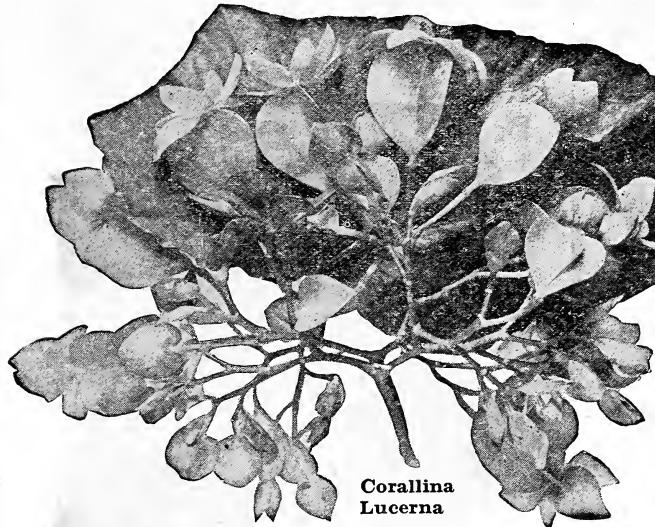
## GENERAL COLLECTION

**Alba Picta.** Leaves glossy green, thickly spotted with silvery white; flowers white.

**Alba Picta Rosea.** Strong growing variety with long green leaves, spotted silver; flowers bright rose color.

**Argentea Guttata.** Purple bronze leaves, oblong in shape, with silvery markings; white flowers

**Glorie de Chatelaine.** A new, brilliant pink bedding sort almost perpetually in bloom. This has come to be one of the most popular on account of its general dependability.

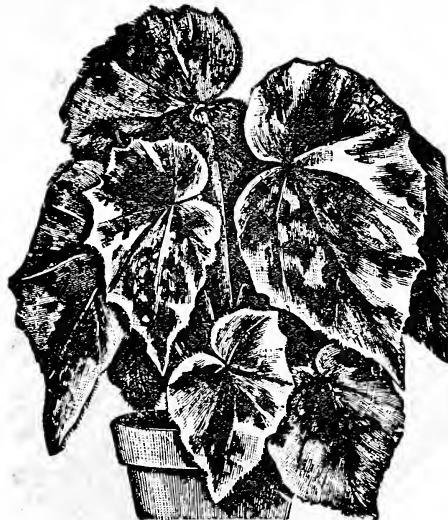
Corallina  
Lucerna

## FLOWERING BEGONIAS—Continued

**Corallina Lucerna.** A splendid upright, vigorous grower, with long leaves of spotted olive green, a bright wine-red beneath. Enormous trusses of perfect coral red flowers make this variety one of the showiest and most desirable kinds in cultivation. 30 cts.; \$3.00 per dozen.

**Gracilis Luminosa.** A magnificent new specimen of the Semperflorens type, with flowers large, perfect and plentiful, and never out of bloom. Color the brightest scarlet. 15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.

**Mad. de Lesseps.** A strong growing sort with large smooth leaves showing a satin finish, dark green above, red beneath; the ivory white flowers being borne in very large panicles.



Manicata Aurea

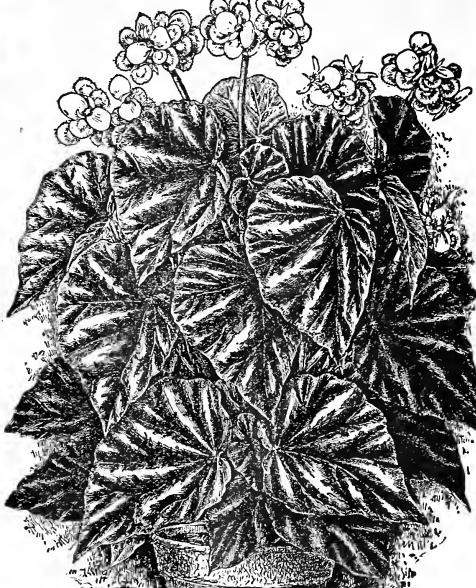
**Manicata Aurea.** Large, glossy leaves, beautifully blotched with creamy white, with carmine etchings in the mature leaves. Flowers delicate bluish white on long stems. 30 cts. each; 4 inch pot plants by express 75 cts.

**Marjorie Daw.** (Trailing.) Bright salmon-pink flowers produced in broad panicles, drooping down from under the foliage. A rapid grower with bright green "angel-wing" leaves. 25 cts. each.

**Metallica.** A shrubby free blooming variety, with triangular leaves; under side of leaf and stem hairy; the surface a lustrous metallic or bronze color, veined darker; flowers white.

**Mrs. M. A. Patten.** Of the serviceable bedding type represented by Glorie de Chatelaine, but glowing with a deeper, brighter shade of pink, the yellow center conspicuously attractive.

**Nitata.** Blooms in good sized clusters of large flowers; white delicately flushed rose. 25 cts.



Metallica

**Otto Hacker.** In a class by itself. A strong vigorous grower, of fine upright habit, with large shining deep green leaves eight to ten inches long. Flowers bright coral red, borne in immense clusters eight to ten inches across. 25 cts. each; \$2.50 per dozen.

**Paul Bruant.** Leaf fine pointed, large and smooth; flowers in large panicles, so freely produced as to nearly cover the plant; light rose.

**Pink Rubra.** Deep green "angel-wing" type of foliage, good sized trusses of rosy pink flowers. A good winter and spring bloomer.

**Pride of New Castle.** Deep red flowers with distinct whitish center; really a red-flowered form of Glorie de Chatelaine.

**Prima Donna.** A good bedding Begonia with large, free flowers of bright pink. 15 cts.; \$1.50 per dozen.

**Ricinæfolia.** (Star Begonia.) Leaves cut star-shaped, beautifully marked in shades of green. Flowers rose colored. 30 cts. each; \$3.00 per dozen.

**Sandersoni.** A bushy variety, with glossy deep green leaves; flowers in drooping clusters of scarlet; buds are heart shaped.

**Thurstoni.** The under side of the leaves is a rich, purplish red, the veinings very prominent, while the face or upper side is a bronzy green, shaded with crimson and olive, with a peculiar glossy metallic luster over all. Flowers rosy white in large clusters. 25 cts. each; \$2.50 per dozen.

**Warscewici.** The old fashioned "beef steak" Begonia. Thick, rounded leaves of deep green, with red on reverse side. 25 cts. each; \$2.50 per dozen.

**White Pearl.** Very large, waxy white flowers; practically everblooming; growth rapid and bushy. 15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.

**Unless noted, 20 cts. each; \$2.00 per dozen; 8, our choice, for \$1.25.**



## BOUGAINVILLEA

Their foliage is attractive in form, and shiny; the entire effect of leaf, twiggy growth and luxuriant bloom giving them an air of tropic elegance unequaled by any other indoor vine. Their bright festoons are wonderfully effective in conservatories and sun-rooms, but cannot be expected to attain fullest development or last as long in the ordinary rooms of a house. Trained on wire trellis forms, they can be kept down to dwarf, compact formation for use in tubs or large crocks.



Variegated Leaf Bougainvillea

**Wm. K. Harris.** A handsome foliage variety; leaves showing a sharply defined variegation of bright green and creamy white, in about equal proportions. More shrubby and slow-growing than its companions; especially fine for tubs. The plentiful flowers are a light rose color. 4 inch pot plants, \$1.25 each.

**Glabra Sanderiana.** Large bell-shaped flowers of lilac-rose borne profusely in terminal clusters all over the plant; blooms when quite small. 3 inch pots, 25 cts. each; 5 inch pots, by express, \$1.00 each.

## Bougainvilla "Crimson Lake"

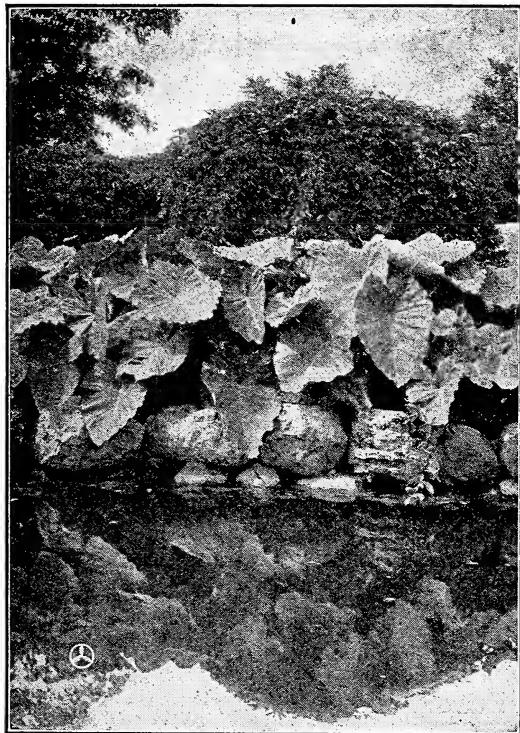


**Crimson Lake.** This is one of the most notable plant introductions of recent years. Its clustered bells are even more numerous than on the Glabra Sanderiana, and a little larger; but the brilliancy of color is beyond compare. Technically, the name "Crimson Lake" represents its color but cannot invest the great, crinkly, paper-like bells in their emerald setting, with a modicum of the charm and beauty which captivates the actual beholder. 3 inch pot plants \$1.00 each; 4 inch pot plants at \$2.00 each; 5 inch pot specimens, by express, \$3.50 each.

## BROWALIA "Blue Giant"



A conspicuous, handsome and very useful plant, with single flowers of deep indigo blue, fully two inches in diameter, blooming continually and completely enveloping the plant. Either for beds or pot plants; also useful to get blue into porc boxes and baskets. 20 cts. each; \$2.00 per dozen.



"Elephant's Ear" planted in Rockery

### FANCY LEAVED CALADIUMS

A class of beautiful variegated foliage plants, excellent for window boxes, vases or single pot plants, succeeding equally well in a somewhat shady situation out of doors. Among all foliage plants they are undoubtedly the showiest, reveling in many soft colors and indescribable beauties of design. After becoming well established, they require liberal watering coupled with adequate drainage. The bulbs should be started into growth about the first of April and dried off in October and kept in a warm and dry place until spring again. 25 cts. each; \$2.50 per dozen.



Fancy Leaved Caladiums

### CALADIUM ESCULENTUM

(Elephant's Ear)

For obtaining tropical effects in lawn and garden planting this beautiful plant takes a prominent place. Stands six to seven feet high, with bright green leaves three to four feet long and two and one-half feet wide. Should have plenty of water and good rich soil. Is a splendid adornment for the banks of fountains and lily ponds, or any rockery work where plenty of moisture is available.

	Each	Dozen	Dozen by Express
<b>Extra large bulbs</b> . . . . .	35 cts.	\$3.50	\$3.00
<b>First size bulbs</b> . . . . .	20 cts.	2.00	1.75
<b>Second size bulbs</b> . . . . .	15 cts.	1.50	1.00

### CALLAS

The White Calla is rarely used except for house bloom, but the hardier spotted-leaved variety, *Elliottiana*, is mainly used in the gardens for the beauty of its foliage as a border, and its delightful flowers for late summer cutting. The bulbs should be set out after danger of frost is past, and dug up again in the fall for drying off and winter storage.

**Ethiopica.** This is the well known and ever popular White Calla Lily whose chaste, waxy beauty has lent itself for generations to typify purity and sacredness. There is nothing to take its place in decorations for church functions, and its presence in the home is ever an inspiration. 35 cts. each; \$3.50 doz.



Spotted Calla "Elliottiana"

**Elliottiana.** Leaves dark green with creamy white spots; flowers a richly lustrous golden yellow. 25 cts.; \$2.50 per dozen.

**The Godfrey Everblooming Calla.** (New.) Flowers as large as the largest and outbloom the others three to one; pure white. Plant dwarf and compact. 25 cts. each; \$2.50 per dozen.



# CANNAS



Of all summer bedding plants, Cannas are the tallest and bulkiest, and furnish the widest range of colors. Their foliage is of noble proportions, making a full compact mass which serves to conceal the ground or background, and is of itself attractive in rich shades of green, bronze, red and chocolate. The surmounting flower trusses are uniformly large and free, brilliant with most of the colors and combinations known among flowers.

Massed plantings in one color are recommended as being most effective; but many beautiful and striking combinations of colors may be arranged.

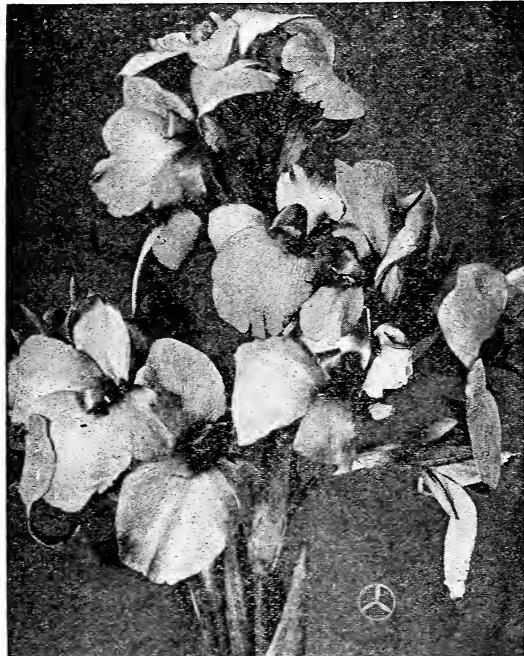
## PLANTING DIRECTIONS

**Soil, etc.** Cannas will grow in any kind of soil and most any location, but to obtain fullest development and reward, they should be given an open, sunny location and the soil enriched with well-decayed manure. Dig up about two feet deep, and at all times give plenty of water.

**For bedding,** Cannas should be planted no less than 18 inches apart each way; starting outer rows 9 inches inside margin of bed. Thus the planting radius of a 6 ft. circle, for outside row is 27 inches. In circular beds, the tallest variety should occupy the center, the medium heights next, finishing with a dwarf kind for the outside row. By consulting our descriptions, varieties may be selected according to desired heights, which range from  $2\frac{1}{2}$  to 8 feet.

**Formula** for computing number of plants in each row of a circular bed:  $Ra \times 6\frac{1}{3} \div 18 = \text{plants}$ . Each interior row requires 6 plants less than the next larger circle. Compute and always plant outer row first. (See planting table on page 55.)

## CANNA NOVELTY SECTION



**Cheerfulness**

**Cheerfulness.** A charming, bright-hued novelty, fitly named. Its sponsor must have meditated before an open grate; catching his inspiration from the leaping orange flames with their yellow sparks and ruddy shadows. Briefly, it is a very brilliant orange, with a slight red suffusion.  $3\frac{1}{2}$  feet. 25 cts. each; \$2.50 per dozen.

**City of Portland.** Distinct among the several really worth while pink Cannas. Derived from "Mrs. Alfred Conard," this new variety is a deeper, warmer pink, holding its tone through both hot and cool weather. The great, full-petaled trusses are borne very freely on heavy stalks and make a wonderful show throughout the season.  $3\frac{1}{2}$  feet. 25 cts. each; \$2.50 per dozen.

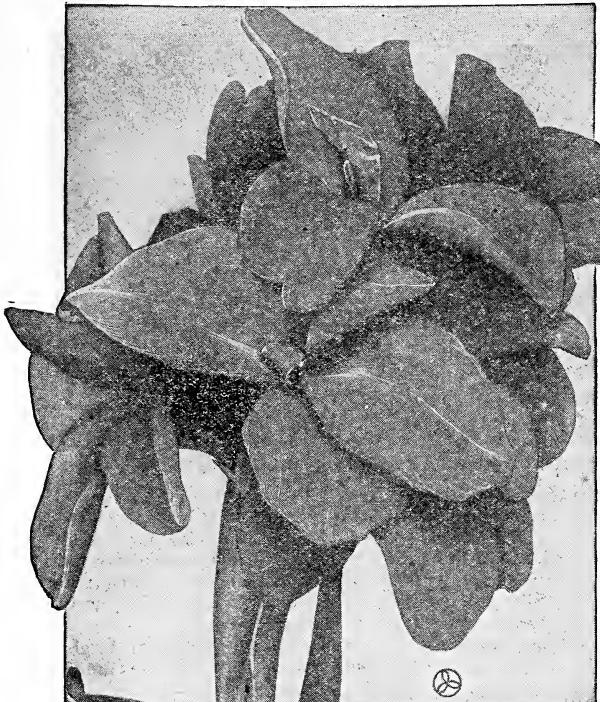
**Dazzler.** Brightest of the bright brick-reds. An acceptable innovation, most other varieties of this shade being tall and uneven, whereas Dazzler is dwarf, compact, free-blooming and uniform.  $3\frac{1}{2}$  feet. 35 cts. each; \$3.50 per dozen.

**Eureka.** The genuine, practical **White** Canna is found at last. With the advent of Eureka, we are granted good, full trusses; broad petals; uniform, free and continuous bloom, and a clean, waxy, lily-white color. Plant growth sturdy, with nice foliage.  $4\frac{1}{2}$  feet. 35 cts. each; \$3.50 per dozen.

**Fiery Cross.** This new variety is one of the most successful flaming reds obtainable in the taller growing kinds. The foliage is full and healthy, a rich bluish green; plant and flower spikes attaining a height of 5 to 6 feet. Flowers large, 15 to 20 showing at one time. Color crimson scarlet. 25 cts. each; \$2.50 per dozen.



**Queen Helen  
or "Yellow  
King Humbert"**



New Red Canna—The President

## CANNA NOVELTIES—Continued

**Harmony.** Fine, dark, bronze foliage; and globular trusses of currant-red flowers. 3½ feet. 30 cts. each; \$3.00 per dozen.

**Lafayette.** A taller growing, more compact counterpart of that marvelous red bedder—Meteor. 5 feet. 35 cts. each; \$3.50 per dozen.

**Mrs. Alfred F. Conard.** Splendid broad heads, clean and full petaled; silvered peach pink. Pink Cannas are becoming more popular each year, and this charming variety seems to be one of the favorites. 4 feet. 25 cts. each; \$2.50 per dozen.

**Queen Helen.** ("Yellow King Humbert.") This is a wonderful new "sport" from King Humbert, bearing the same graceful heartshaped leaves, but richly *all-green* instead of bronze; the same regal type and immense size of flower, but a *brilliant yellow* instead of red, and produced much more abundantly. Although the general effect is yellow, each petal is beautifully spotted with red; without question one of the handsomest varieties in this type. 4 to 5 feet. 25 cts. each; \$2.50 per dozen. By express, \$15.00 per 100.

**The President.** This magnificent red Canna (introduced in 1918) won the gold medal from the National Department of Horticulture; and in respect for its upstanding character, distinguished attributes and splendor, was fittingly named "The President." The flowers are immense, round, firm—often 7 inches across—of extra good quality and borne in the greatest profusion. The color is unfading, pure, glowing scarlet; foliage rich green. We have grown The President quite extensively for three years and are more firmly convinced than at first that of all the green leaved sorts above medium height, this is the best dark red. 4 feet. 30 cts. each; \$3.00 per dozen.

## GIANT ORCHID-FLOWERED or ITALIAN CANNAS

A distinct race noted for their Orchid-like flowers, and tall and stately habit. Used largely for high backgrounds and to center large beds.

**Allemania.** Ground color yellow, heavily blotched and overlaid with blood-orange. 5 ft.

**Louisiana.** Soft, dark scarlet, with orange throat markings. 6 feet.

**Mrs. Kate Gray.** A large flowered sort, of fine form and substance. Color, a deep orange delicately shaded with carmine; distinct dotted yellow throat. 6 feet.

**Wintzer's Colossal.** Without doubt the largest flowered Canna to date, over 8 inches across. Strikingly vivid scarlet that retains its brilliancy. 5 feet. 25 cts. each; \$2.50 per dozen.

**Unless noted, 20 cts. each; \$1.75 per dozen.** By express, \$10.00 per 100.

## BRONZE FOLIAGE CANNAS

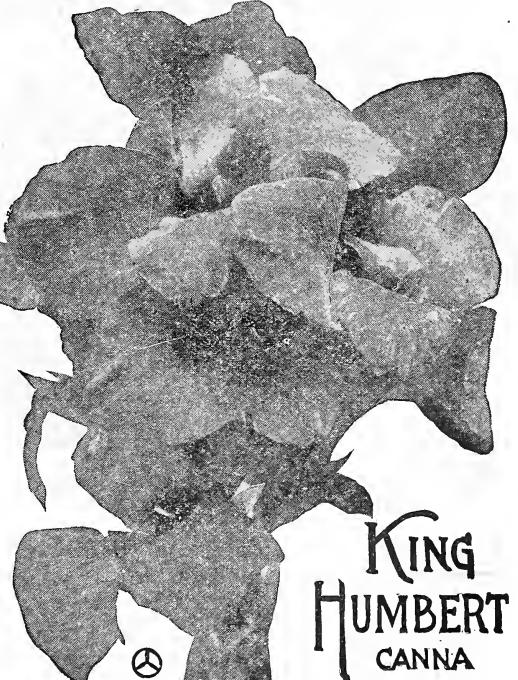
The number of good bronze-leaf Cannas is limited, but surely add a great deal to the effectiveness of summer bedding, by the contrast they afford.

**King Humbert.** The grandest Canna ever offered. Large, heart-shaped leaves of purple madder brown over bronze, the dark ribs sharply defined, crowned with immense heads of Orchid-like flowers. Individual petals are of the largest size; velvety orange-scarlet flecked carmine; rose tinted at margin and base. 4 to 4½ feet. 20 cts. each; \$2.00 per dozen. By express, \$12.00 per 100.

**Mrs. Geo. A. Strohlein.** Good sized flowers and trusses of crimson-red, foliage irregularly overlaid with dark chocolate bronze. 4 to 5 feet.

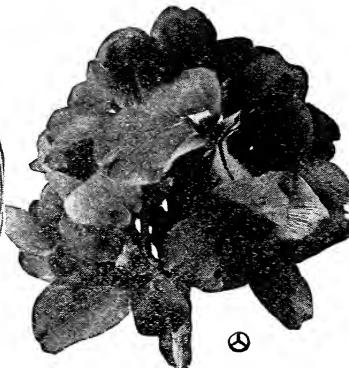
**Poppy.** Grows to five feet, with good greenish bronze foliage, and large flowers of intense poppy red. 25 cts. each; \$2.50 per dozen.

**Unless noted, 20 cts. each; \$1.75 per dozen.** By express, \$10.00 per 100.

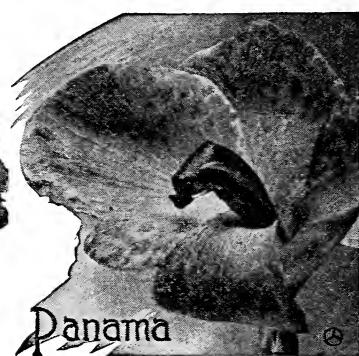




Gustav Gumpfer



Papa Nardy



Panama

## GENERAL COLLECTION of GREEN LEAVED CANNAS

Unless noted, all varieties under this heading are 20 cts. each, \$1.75 per dozen; by express \$10.00 per 100

**Alphonse Bouvier.** At one time the leading tall, dark red. Deep cardinal. 5 to 6 feet.

**Beaute Poitevine.** Blood-shot petals of crimson-scarlet. One of the good, reliable red bedders. 3½ to 4 feet.

**Black Prince.** Crimson scarlet, overlaid maroon. 5 feet.

**Crimson Bedder.** Dazzling crimson-scarlet, well displayed above the foliage. This is one of our own hobbies; and has been for years, without exception, our most conspicuous and satisfactory red bedding Canna. 3½ to 4 feet.

**Dagana.** Trusses and individual petals are large and evenly formed; color very bright scarlet, dotted with crimson.

**Duke of Marlborough.** Rich crimson maroon. 5 feet.

**Dwarf Florence Vaughan.** A free flowering, dwarf form of F. Vaughan; yellow and red. 3 feet.

**Florence Vaughan.** The original "Speckled Canna;" yellow, peppered bright red. 4 feet.

**Gustav Gumpfer.** An ideal yellow bedding sort, possessing the practical qualities of compact, bushy growth; free and continuous blooming; self-cleaning habit; flower heads well extended above the foliage and characteristically uniform in spread; in color the richest kind of orange-yellow, which rarely fades. 3 to 4 feet; leaves deep green.

**Jane Addams.** A free-flowering variety of bright butter-cup yellow, with a touch of red at the throat. 4½ feet. 25 cts. each; \$2.50 per dozen.

**Julius Koch.** Dwarf stocky growth, broad heads of well rounded flowers, brilliant blood red. 3 feet.

**Long Branch.** Flowers bright crimson, with irregularly dotted border of yellow. This is one of the best tall variegated sorts. 5 feet. 25 cts. each; \$2.50 per dozen.

**Mad Crozy.** Gilt edged, rosy scarlet. 3½ feet.



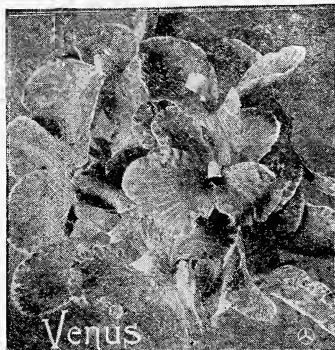
**Hungaria.** A magnificent pink Canna widely used for large solid beds. The petals are large and waxy, made up into big round, full trusses. Its color forcibly suggests the well known Paul Neyron Rose, and is unquestionably one of the most popular pink Cannas ever produced. 3½ to 4 feet. 25 cts. each; \$2.50 per dozen.



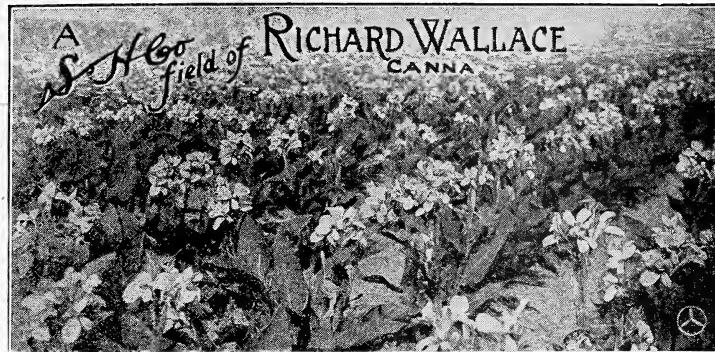
**Meteor.** Immense heads of large, well displayed rounded flowers above the foliage; Flowers keep well and are self cleaning. 4 feet.

**Orange Bedder.** Bright orange with just enough scarlet suffusion to accentuate the orange brilliance. ("Tango tints.") 4 feet.

**Panama.** Dull red overlaid old rose, edged and slightly mottled with gold; under side of petals creamy yellow with a heavily mottled border of red. This unique "Butterfly" effect is very pleasing. 3 feet. 25 cts. each; \$2.50 per dozen.



Venus



### GREEN LEAVED CANNAS—Continued

**Papa Nardy.** Nicely rounded heads; a lively carmine rose. 4 feet.

**Prince Wied.** Medium sized flowers made up into unusually large trusses, rich deep crimson; fine bedder. 4 feet.

**Queen Charlotte.** Makes a gorgeous display in masses. Color, a wide, ragged band of yellow bordering a center of scarlet suffused carmine. 3½ feet.

**Richard Wallace.** A tall growing, wide flowered heavy trussed canary yellow—the largest and best of its color; bleaches very little. 5 feet.

**Souv. de Antoine Crozy.** Rich crimson-scarlet bordered with golden yellow. 3½ feet.

**Venus.** Delicate in coloring and texture, and as vigorous and long-seasoned as any Canna grown. Long, erect stems bear trusses of large size, perfect form and ever clean freshness. The large, oval petals are exquisitely variegated; warm rose-pink, mottled near center, and edged with creamy white. 4 feet.

**Unless noted, 20 cts. each; \$1.75 per dozen.**  
By express, \$10.00 per 100.

*If, after studying the four pages preceding, you have not decided which varieties you want for your Canna Beds, let us help you by the following:*

### SPECIAL OFFER FOR FOUR CIRCULAR CANNA BEDS

Prices applicable to special beds A, B, C or D, only

6 Feet	8 Feet	10 Feet
Center ..... 1	Center ..... 1	Center & 1st row. 6
1st row ..... 2	1st row ..... 8	2nd row ..... 12
2nd row ..... 10	2nd row ..... 14	3d row ..... 18
Total plants... 13	Total plants... 23	Total plants... 36
Price \$1.60 net.	Price \$3.00 net.	Price \$5.00 net.

By express. Purchaser paying charges.

We reserve the right to substitute if listed variety is exhausted.

#### CANNA BED "A"

Center... King Humbert ..... Red  
Two... Hungaria ..... Pink  
Three... Julius Koch... Crimson

#### CANNA BED "B"

Center... R. Wallace ..... Yellow  
Two... Meteor ..... Red  
Three... Dwarf Vaughan. Spotted

#### CANNA BED "C"

Center... F. Vaughan..... Yellow  
Two... Prince Wied... Crimson  
Three... Mad. Crozy... Gilt Edge

#### CANNA BED "D"

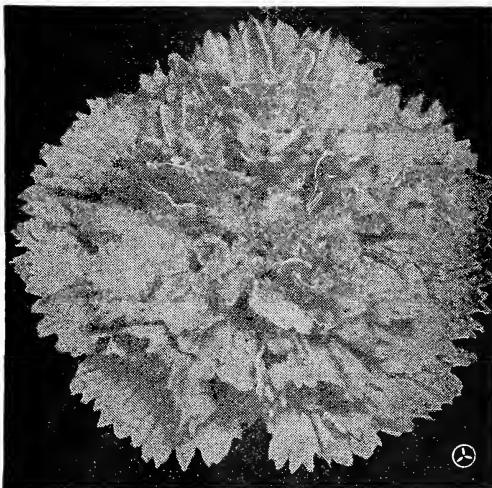
Center... Louisiana ..... Red  
Two... Long Branch... Gilt Edge  
Three... Souv. de A. Crozy... Gilt Edge

### CESTRUM PARQUII

(Night Blooming Jasmine)

A much esteemed summer bedding plant, with waxy dark green leaves and open panicles of tubular, creamy white flowers. Although inodorous during the day, they fill the whole garden with fragrance at night. 20 cts. each; \$2.00 per dozen.

## CARNATIONS



Carnation plants should be repotted whenever there is indication of their becoming pot-bound. Transplanted into the garden after all danger of frosts is over, and given at least 12 inches of space, with good soil and cultivation, these plants should furnish abundant bloom from July until late Fall or may be kept "pinched back" to retard bloom, potted up at approach of frost and brought inside for winter blooming.

**Benora.** A handsome variegated sort; white irregularly streaked with red.

**Enchantress Supreme.** A light salmon-pink which does not bleach and is not liable to split.

**Matchless.** A large, pure white, long stemmed and free-blooming. The petals are attractively fringed and the perfume delightful.

**Laddie.** A new variety of extreme size, 3½ to 4½ inches in diameter; color a warm rosy salmon-pink. Very free flowering and satisfactory, 25 cts. each; \$2.50 per dozen.

**Mrs. C. W. Ward.** One of the very good deep pink sorts, of attractive size and form, very free blooming and strongly scented.

**Nebraska.** A strong easy grower, very productive of bloom. Flowers measure 3½ inches across on stems 2 to 2½ feet long when properly grown; vivid scarlet.

**The Beacon.** A splendid large red that blooms throughout a long season; scarlet, with just a brightening dash of orange.

**White Wonder.** Earliest white, and freest blooming. Unless noted, 20 cts.; \$1.75 dozen; \$10.00 per 100.

# CHRYSANTHEMUMS

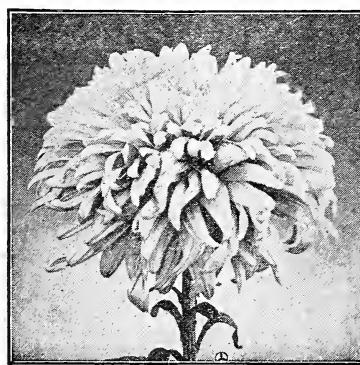
A small percent of the great number of varieties in Chrysanthemums are hardy and will survive the rigors of winter when left in the ground; a larger percent may be usually depended upon if given protection; but the majority of them must be kept inside during the winter, as pot plants.

## LARGE FLOWERED TYPES

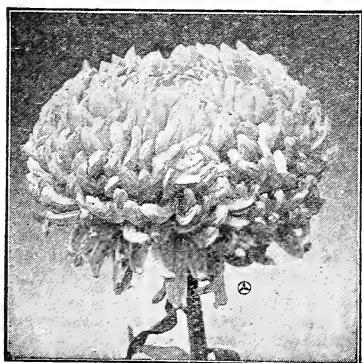
Designated: (E) for early; (M) for Mid-season; (L) for late.



Type of Harvard



Golden Glow



Edwin Seidewitz



Richmond

**Charles Rager.** (M) Pure white, with strong stem; flowers shaped like Bonnaffon, but larger.

**Chieftain.** (M) Globular, incurved, full and round; rose-pink color.

**Chrysolora.** (M) Yellow, midway in shade between Col. Appleton and Major Bonnaffon.

**Col. D. Appleton.** (M) Very large, deep golden yellow, flower of fine finish and form.

**Dr. Enguehard.** Bright rose-pink.

**Early Frost.** One of the most perfect and free blooming of the very early pure whites.

**Early Snow.** Very early; pure white.

**Edwin Seidewitz.** (L) A very pretty, well-formed pink variety in prime for Thanksgiving Day.

**Golden Chadwick.** (L) One of the very best yellows; deep in color and perfectly formed.

**Golden Glow.** (E) Golden yellow, of velvety finish.

**Golden Mistletoe.** (L) A free-blooming, ball shaped flower of good size, one of the latest to bloom, rich, golden yellow. 25 cts. each; \$2.50 per dozen.

**Golden Salamon.** (E) A magnificent deep golden yellow with large bloom and vigorous growth.

**Golden Wedding.** (M) Reliable old sort; bright golden yellow.

**Harvard.** (L) Japanese reflexed; very dark crimson. A popular boutonniere for the late football season. 25 cts. each; \$2.50 per dozen.

**Ivory.** (E) Flowers pure white, of exquisite form.

**Major Bonnaffon.** (L) The yellow for all purposes.

**Marigold.** (E) A very early variety of exceptional size and bright yellow color; choice blooms being forced to nine inches in diameter.

**Maud Dean.** (L) A very popular large pink.

**Monrovia.** (E) One of the very earliest; deep yellow.

**Mrs. Wm. H. Chadwick.** (M) A very broad variety, with incurved petals of white, slightly tinted blush.

**Oconto.** (M) A beautiful white Japanese type, of large size and perfect ball shape. This variety is quite hardy.

**Pacific Supreme.** (E) A fine deep pink seedling of Glory of Pacific.

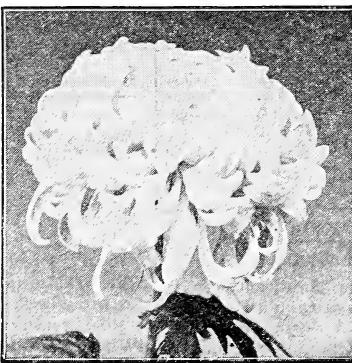
**Richmond.** (M) A golden yellow; noticeable for its long bloom in season, fine form, perfect fullness and silky finish.

**Robt. Halliday.** (E) Large, broad petaled yellow, of graceful form.

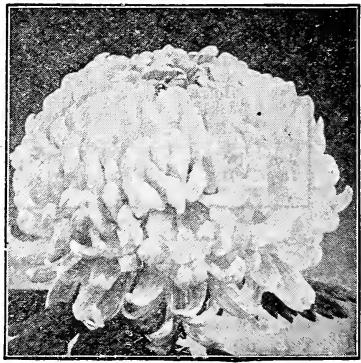
**Roman Gold.** Incurved sort; darker yellow than Golden Wedding.

**White Chieftain.** (M) A perfect ball of compact petals; one of the most dependable white 'Mums of its type for late October bloom.

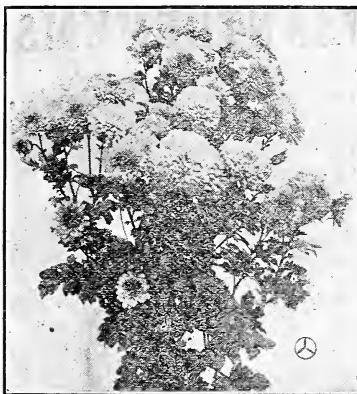
Unless noted, 20 cts. each; \$1.75 per dozen. By express, \$10.00 per 100. 12 of our choice, assorted, by mail for \$1.25.



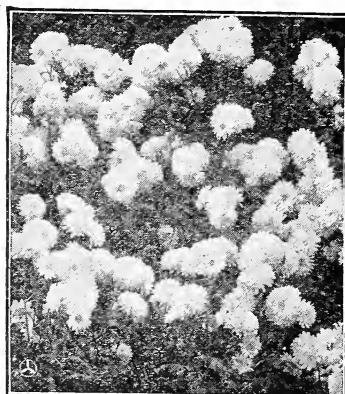
Mrs. Wm. H. Chadwick



Maud Dean



Elkton



Mariana

## POMPON CHRYSANTHEMUMS

The flowers run from  $\frac{1}{4}$  inch to 2 inches in diameter, small petaled, very compact and formal, usually in rather close clusters so that one cut spray is a bouquet in itself. While not all varieties are entirely hardy, their inexpensiveness makes a liberal planting worth while even for but one fall show. As pot-plants, the Pompons are in every way satisfactory and furnish some of the daintiest table decorations of the fall and winter season.

**Acto.** Perfectly formed, full-quilled flowers about 2 inches in diameter; bright rose with lighter reverse. Makes one of the daintiest bouquets of the autumn.

**Alena.** Good sized, beautiful daybreak pink, always pretty and dependable.

**Ashbury.** Lilaceous pink. One of the earliest, freest and showiest.

**The Baby 'Mum.** Smallest and prettiest of the Pompons; bright golden yellow; the individual flower being one-half to five-eighths of an inch in diameter, quilled. Perfect pot plant, also valuable for cut sprays.

**Becky McLane.** Stiff-stemmed, liberal clusters of small bronze buttons.

**Christmas Gold.** Profusely blooming, normal size, perfect buttons, bright golden yellow. Fine pot plant.

**Delphine Dodge.** Small flowered but full sprayed; light pink with noticeably deeper center. 20 cts. each; \$2.00 per dozen.

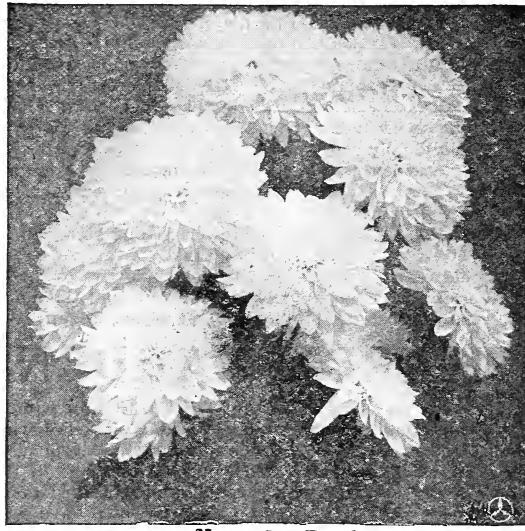
**Donald.** Light pink button.

**Doris.** Reddish bronze; button type, very attractive.

**Eleganta.** Pale pink.

**Elkton.** Profuse, very compact, multi-petaled flowers of dollar size, bluish white slightly tinged lavender.

**Elva.** Pure white, full and fluffy.



November Pearl

**Eugene Langaulet.** (Anemone.) Large button center with outer fringe of numerous short wide petals making a very novel and attractive Anemone effect. Color rich coppery bronze. 20 cts. each; \$2.00 dozen

**Excelsior.** Bright orange yellow. Very free. **Golden Climax.** (New.) Of all yellow Pompons, this variety can be depended upon to furnish the extreme limit in cut-flowers, of choice quality and good, bright color.

**Golden Harvest.** Medium sized buttons of an attractive and very popular shade; deep, golden yellow touched with bronze.

**Hijos.** Primrose pink; exquisitely pretty.

**Julie Lagravere.** Late; best deep red.

**Kittie Bourne.** (Anemone.) Charming yellow.

**Little Pet.** Small, bright rosy-crimson.

**Little Bob.** A free, small button; brownish red.

**Mariana.** Pure white in fine sprays for bunching.

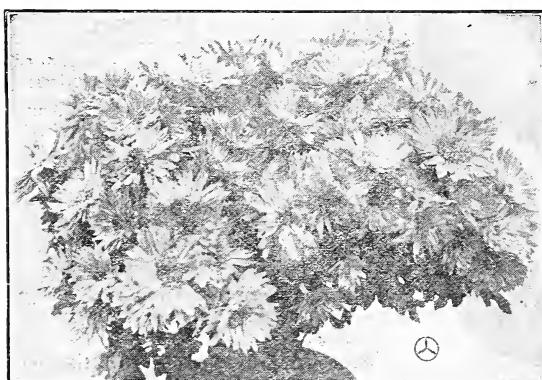
**Niza.** A very early, delicate pink; medium sized.

**November Pearl.** Medium size, fine form, soft day-break pink. 20 cts.; \$2.00 per dozen.

**Skibo.** Hardy, early flowering golden button.

**Wm. Sobeby.** Tall; flattish flowers canary yellow.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.



Ashbury



Peggy Bulkeley

**Molly Whitmore.**

Shapely plants of erect growth and well formed 3 rayed, incurved flowers in abundance. Deep golden bronze effectively suffused with terra cotta, with distinct yellow center. 20 cts. each; \$2.00 per dozen.

**Mrs. E. M. Horne.** Flat flowers in good sized sprays which bunch well in bouquets. Light bronzed yellow, shaded with old gold.

**Mrs. Whitehorn.** Salmon terra cotta; mid-season.

**Peggy Bulkeley.** A delightful subject for both cutting and pot plants. The rather large flowers, with

four rays of petals recurring gracefully from a golden center, are individually conspicuous in the showy sprays. Color a soft, luminous pink, which deepens, as flower matures, to a delicate mauve pink.

**Pink Beauty.** Large Anemone-shaped; earliest rose pink. One of the daintiest in the list.

**Priscilla.** Tall, sturdy grower, strong stemmed, free blooming; flowers very clear, light rose pink.

**Sweetness.** Small, daisy-like yellow flowers.

**Wenonah.** Beautiful silvery bronze; one of the finest early singles.

Unless noted, 15 cts. each; \$1.50 per dozen.

**SINGLE CHRYSANTHEMUMS**

A very useful and satisfactory class which has been wonderfully developed during the last few years.

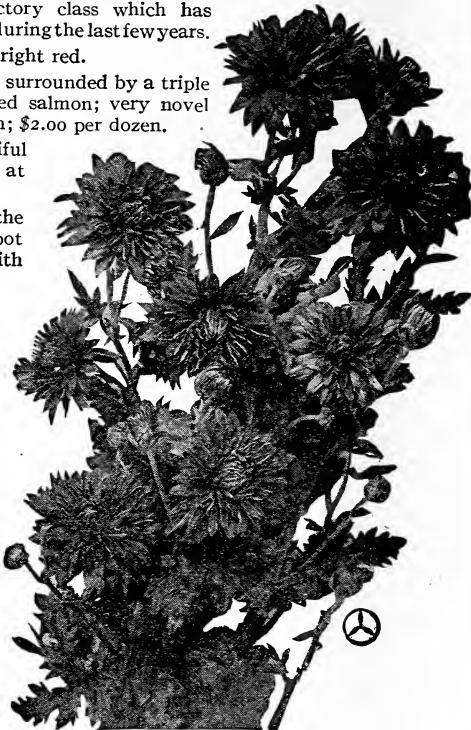
**Ceddie Mason.** Velvety bright red.

**Gipsy.** Clear yellow center, surrounded by a triple row of petals, yellow tinged salmon; very novel and striking. 20 cts. each; \$2.00 per dozen.

**Hilda Wells.** Beautiful Tuscan red, shaded yellow at base of petals.

**Ladysmith.** Earliest of the singles, and an ideal pot plant. Deep rose pink, with golden eye.

**Mary Richardson.** Reddish-salmon, beautiful and distinct.



Mrs. Whitehorn

**HARDY GARDEN CHRYSANTHEMUMS**

Those varieties which will resist frost and winter-kill are doubly valuable and acceptable. The following list embraces not only the fragrant, reliable old fashioned Chrysanthemums that reigned supreme in the garden corners and alongside the house, in our Grandmother's home, but several new sorts which have been carefully tested for hardiness, and have proven generally dependable in the Northern states, with slight protection. Of course, every grower understands hardiness in 'Mums as relative; and the variety which went through last winter successfully may not survive this, or the next. On the whole, however, this list is reliable.

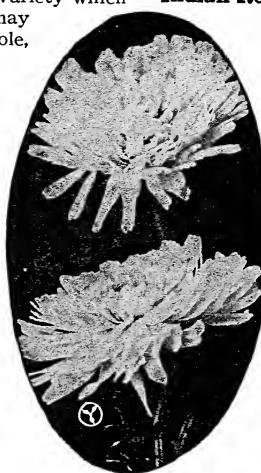
**Alice Howell.** (New.) Of the single type, with distinct center; free flowering and branching; blooming early and continuously. The color is an unusually pleasing shade of orange yellow. Recommended for show and hardiness. 20 cts. each; \$2.00 per dozen.

**Autumn Glow.** Hardy; very deep rose.

**Cranfordia.** Tall; rather late; pure yellow. 20 cts. each; \$2.00 per dozen.

**Eden.** Medium height; flowers of dainty shape and pretty color, bright rose pink.

**Etoile d' Or.** Medium height, but profuse in bloom. Rather large button type flowers, making a brave show of bright yellow. 20 cts. each; \$2.00 per dozen.



Glory of Seven Oaks

**Framfields Early White.** Pure white; semi-double and loosely built. Valuable because of its early bloom. 20 cts. each; \$2.00 per dozen.

**Glory of Seven Oaks.** ("The Everblooming Hardy Mum.")

This is a good sized, bright, pretty yellow; mid-summer until late fall. During several fall blooming seasons, this variety has led in field sales to visitors.

**Indian Red.** Copper-red. Shaded with crimson.

**L'Argentuilais.** Full petaled; deep chestnut. This is a very distinct and pleasing shade. 20 cts. each; \$2.00 per dozen.

**Mrs. Francis Bergen.**

A charming semi-double variety of medium dwarf habit; white, tinged with pink. 20 cts. each; \$2.00 per dozen.

**Old Homestead.** Hardy, and dependable for a grand display of firm, compactly double flowers; shades of rose.

**Skibo.** Golden button; only true Pompon in this class. Immensely productive, showy, and long lasting.

**Victory.** Good sized; snowy white.

**Yellow Normandie.** Dwarf and bushy; well furnished with handsome yellow flowers.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.



# COLEUS



Choice Coleus are among  
the S. & H. Co. Specialties

Broad-leaved, bushy foliage plants which are unmatched for brilliancy and unique arrangement of colors. Some of the fancier sorts are painted in designs as indescribable as the traceries of frost. The more solid colors, such as Verschaffelti, Golden Crown, Beckwith's Gem, etc., are in most general use for large bedding schemes, and are invaluable as borders; while Cecil Brown for its fine trailing habit, and various of the fancy patterned sorts for the brilliancy of their colors, are largely utilized in box and vase work.

**Beckwith's Gem.** Large leaves of heavy texture, and finely scalloped edges. Center is dark velvety maroon, bordered fiery red, the edge green, changing to creamy yellow at the point of the leaf.

**Bonnie.** Large, yellowish green leaves brindled with dark red. Very striking.

**Brilliancy.** ("Christmas Gem.") Unique among other Coleus; the symmetrically branched plants and more ample foliage furnishing a colorful potted decoration for the Xmas holidays. Leaves are very broad, the underside a bright, yellowish green which carries over and beyond the beaded edge until lost, after fitful struggling, beneath a covering surface of oriental red. Overall lies a distinct sheen of old rose, pointed here and there with pearl and carmine. 25 cts. each; \$2.50 doz.

**Cecil Brown.** (Trailing Queen.) One of the most attractive for close bedding, boxes and hanging baskets ever introduced. Rather small scalloped leaves of dark green, evenly checked with curving maroon lines; the wedge-shaped center gay with magenta and cream.

**Chameleon.** Long, deeply cleft leaves of light green, mottled with wine color and maroon.

**Climax.** A capricious beauty, varying in expression with each day's development. The tiny clusters of new leaves are bright green with a cheerful carmine segment; the older leaves show a russet background broken up with cream and pink; while others frame a dappled wedge of crimson and maroon, with the most brilliant shades of clear green.

**Crescent.** Beautiful pointed leaves edged Nile green, but mainly a velvety red-maroon with a center wedge of crimson pink.

**Datonia.** Yellow and green, with varying red-brown center.

**Glory of Autumn.** Most vivid autumnal colorings in great variety on every plant, each leaf defined by a heavy beaded border of applegreen.

**Golden Crown.** Bright yellow. Almost indispensable for obtaining yellow mass effects in bedding.

**Her Majesty.** Rich, warm red-brown without a blemish, confined within a beaded edge of gold.

**Mrs. Hayes.** Stems dark; leaves smooth, fine saw toothed black edge, light green sparsely blotched black and white.

**Queen of the West.** A center wedge of creamy white bordered green; the whole margined yellow and streaked carmine and maroon.

**Richard Werner.** (New.) We take pleasure in offering one of our own seedlings, which has exceptional merit. In color it shows the brilliant high lights of "Her Majesty," with the crimson overglow so radiant in "Christmas Gem;" resembling the latter sort, also in its unusually large, round leaves. 20 cts. each; \$2.00 per dozen.

**Sensation.** Large leaf; velvety wine-maroon, streaked and veined carmine. One of the best dark varieties. 20 cts. each; \$2.00 per dozen.

**Verschaffelti.** Rich velvety crimson. The best dark sort of all for solid bedding.

**Unless noted, 15 cts. each; \$1.50 per dozen.**  
**By express, \$8.00 per 100.**

## CLERODENDRON BALFOURI

A unique, beautiful climbing plant, having bright, scarlet flowers with creamy white calyx. A profuse bloomer, young plants a foot high often bearing several clusters. A strong rapid grower with shrubby stems and small, shiny leaves; can be grown with success as a trellis plant either in the house or in the garden. 25 cts.

## COBEA SCANDENS

One of the most rapid growing climbing plants in cultivation; grows from 20 to 25 feet high and bears beautiful purple, deep cup and saucer shaped flowers. For covering porches, trellises or arbors it is very attractive and should be more generally planted. 20 cts. each; \$1.75 per dozen.

## CUPHEA TRICOLOR (Cigar Plant)

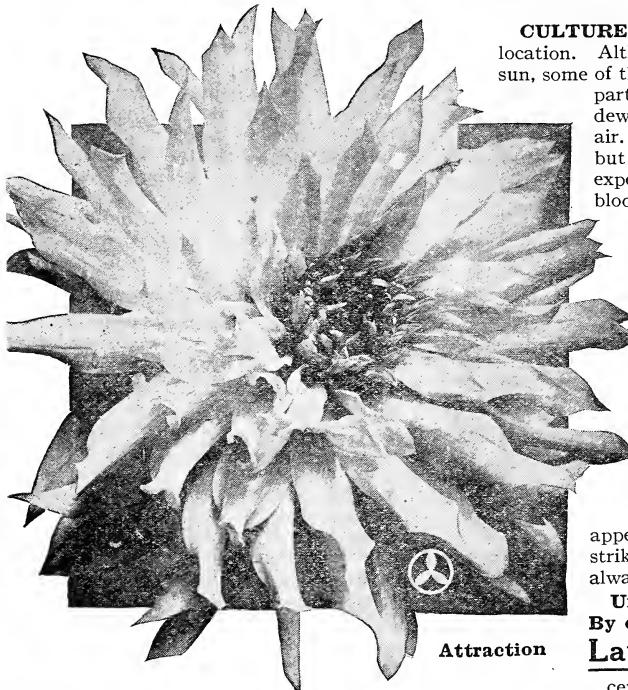
A bushy plant about 15 inches high, bearing great numbers of narrow tubular flowers, bright scarlet, with purple and white tips. Good for bedding or baskets. 15 cts.; \$1.25 per dozen.

## CYPERUS ALTERNIFOLIUS (Umbrella Plant)

A semi-aquatic plant, throwing up stems two to three feet high, surmounted at the top with a whorl of slender drooping leaves. The flowers are small, cream-colored, in short clusters above these whorls. An excellent plant for growing in water or damp soil; but if grown in pots, a plentiful supply of water must not be neglected. 20 cts. each; \$2.00 per dozen.

# DAHLIAS

Spring is beautified by the Peony, summer would seem barren without the Rose; in like manner, we have come to expect of autumn—the Dahlia. The great number of more or less distinct varieties which cumber the Dahlia catalogs is bewildering. We are trying to keep our lists down to a reasonable selection from the established varieties we know, and what we deem the best of the new introductions.



**Attraction**

**Attraction.** Entirely distinct. Immense, formal flowers with broad petals coming abruptly to a point, color a beautiful lilac-mauve. Stems are very heavy, and the flowers held rigidly upright. Altho of delicate color, this is one of the three most striking varieties we grow, 75 cts. each; \$7.50 per dozen.

**Brunhilde.** A handsome violet-purple; wide, loose, recurved and somewhat twisted petals.

**Countess of Lonsdale.** An old and very popular variety. Longest season and freest bloom of any Cactus type; flowers very large, complete and perfect. Color, an exquisite warm blending of amber and salmon-pink.

**Crepuscule.** Very full flowers; pale orange shaded with yellow and fawn. 50 cts. each; \$5.00 per dozen.

**Else.** A charming new variety with a combination of delicate colors; buttercup yellow at base, gradually passing to amber, finished with a tip of Tyrian rose.

**Floradora.** Early and free flowering. Rich mahogany red, even darker at center.

**Galathea.** A new Cactus of the type with broad-based petals in very formal arrangement; a very pleasing shade of soft pink. 50 cts. each.

**Golden Eagle.** Tall growing, with long, dark stems. Flower large, fine-petaled, full and deeply incurved; orange tan. 35 cts. each; \$3.50 per dozen.

**H. Shoesmith.** Numerous slender, folded rays, with high-built dark center; flowers medium to large and quite free; a cheerful scarlet. 35 cts. each; \$3.50 per dozen.

**Keyne's White.** Creamy white.

**CULTURE, Etc.** Dahlias are not particular as to the soil or location. Although maximum growth and bloom reward the full sun, some of the stronger sorts develop most perfect specimens in partial shade; and localities with a moist atmosphere or dewy nights are apt to give better results than a drier air. A judicious use of fertilizer is always beneficial, but too much causes profuse foliage and stem at the expense of bloom. Frequent cultivation prior to their blooming season is absolutely essential to success.

Time for planting varies according to climate, but is generally safe after all danger of late frosts is past. Tubers should be planted about 6 inches deep, laid flat, eyes or sprout up. Although good, lively tubers are apt to produce more stalks, started plants give practically an equal amount of bloom. **We send out tubers (root divisions) until supply is exhausted, after which orders are filled with started plants at the same price.**

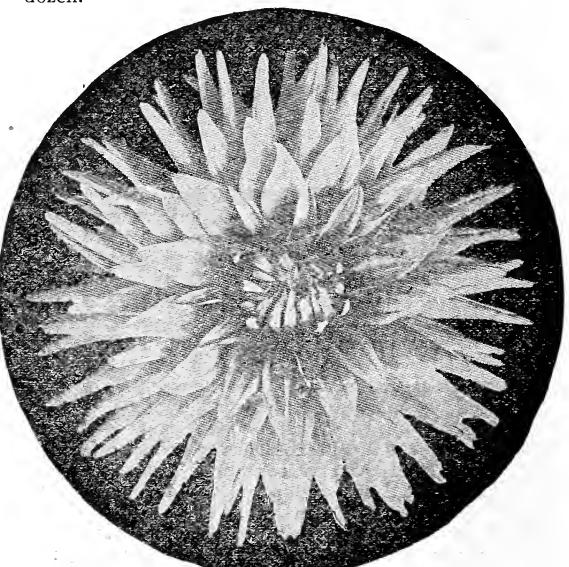
## CACTUS DAHLIAS

Characterized by long, narrow, pointed, tubular and twisted petals of graded lengths, giving the layered flowers a very striking and attractive appearance. This class presents probably the most striking general appearance, and its varieties are always among the most popularly sought.

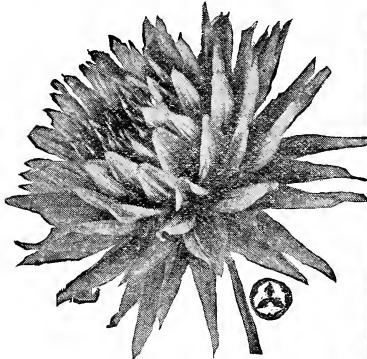
**Unless noted, 20 cts. each; \$2.00 per dozen.**  
**By express, \$15.00 per 100.**

**Lawine.** A beautifully formed flower of large size; pure white, with a suggestion of blush at center. One of the best white Cactus for cutting.

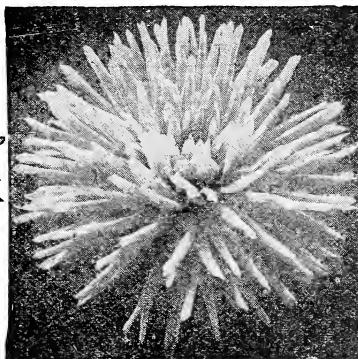
**Marguerite Bouchon.** One of the largest Cactus Dahlias grown, and unquestionably the finest of all pinks in this class. Flowers are perfectly shaped, with long pointed and very numerous petals; a lovely shade of warm pink, lighter at center. 30 cts. each; \$3.00 per dozen.



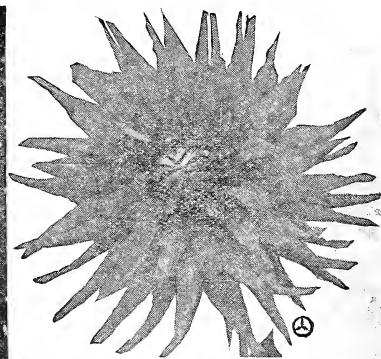
**Countess of Lonsdale**



Crepuscule



Marguerite Bouchon



Standard Bearer

**CACTUS DAHLIAS—Continued**

**Pink Pearl.** Full, perfect form, with blunt quills, slightly waved. Lilac pink with lighter tips and aureole; button center of deep rose.

**Prince of Yellows.** Pure saffron yellow, perfect form, and liberal in its bloom during an opportune season.

**Rheingau.** (Giant.) Bold, erect, aggressive—its brilliant scarlet flowers are rather flat in shape, about five inches wide, and suggest relationship with the Peony flowered class. 35 cts. each; \$3.50 per dozen.

**Standard Bearer.** Bright, pure scarlet. Flowers large, thick and full to center, of symmetrical and perfectly round form, petals semi-quilled. Extra productive and one of the best red cut flowers.

**Strahlen Krone.** Very large and full; brilliant cardinal with purple button center and rose reflex.

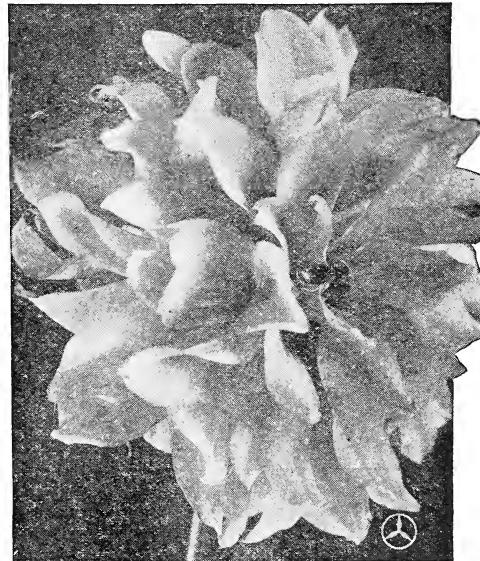
Unless noted, 20 cts.; \$2.00 per dozen. By express, \$15.00 per 100.

**DECORATIVE DAHLIAS**

The flowers of this class are usually large, full but open faced, with long, flat petals. They habitually bloom with great freedom and the individual flowers make a gorgeous display in the field besides furnishing magnificent cut flowers.

**Berch van Heemstede.** Might properly be classed with the

Peony flowered type; large, loose petaled canary yellow. 35 cts. each; \$3.50 per dozen.



Berch van Heemstede

**Bonny Blue.**

This choice new variety has been offered by us as our own introduction for two years. We called it in description a genuine **blue**—which had hitherto been lacking in Dahlias. There have been several exceptions taken to our statement by patrons who have compared it, presumably, with color charts. Well then, to avoid argument—we will now claim only that "Bonny Blue" is the nearest approach to a regular blue as yet produced in Dahlias. It is not washy, but a full, strong, solid color; a little darker at the compact center. In form,—perfect, full, round, short quilled, almost identified with the show type; profuse blooming capacity, long stems and long keeping; it is all that can be desired for a reliable cut flower, in a shade of color everybody around here seems to like. 50 cts. each; \$5.00 per dozen.

**Catherine Duer.** Cherryscarlet overlaid with crimson, darker at center; its iridescence is unique and very striking, winning much favor as a cut flower.

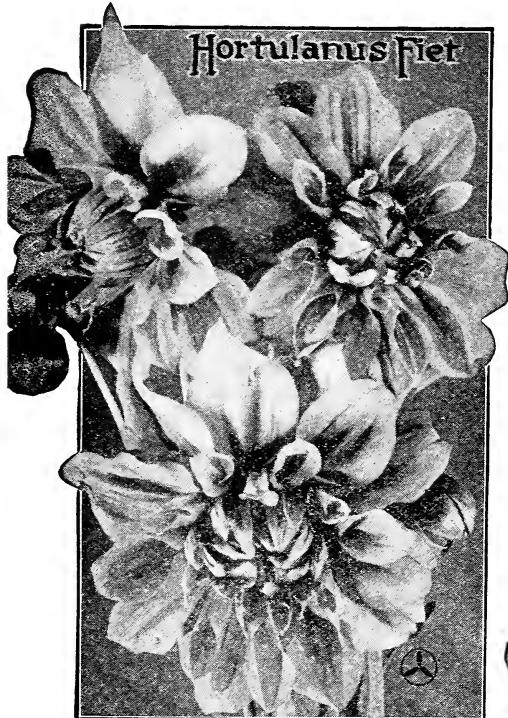
**Clifford W. Bruton.** Large, loose petaled, canary.

**Delice.** A warm tone of lilaceous pink overlaid on white, the full center shaded a deeper hue and each petal point just nicked with silver. 35 cts. each; \$3.50 per dozen.

**Easton.** A very striking and enjoyable red variety of medium size, but full, even petalage, and free-blooming habit; bright turkey-red. 35 cts. each; \$3.50 per dozen.



Bonny Blue

*Hortulanus Fiet*

**Mad. Van den Dael.** A charming variety suggestive of the water lily in its form, delicate coloring and the way it snuggles amidst the upper foliage. White, suffused with lavender and cream. 35 cts. each; \$3.50 per dozen.

**Miss Minnie McCullough.**

Here is a dainty sort; the delight of occasional connoisseurs who find in its rich copper and blood-orange tints the satisfaction of a taste for rare combinations, and odd expressions. The flowers are liberally supplied, of good size and excellently adapted to artificial light. 35 cts. each; \$3.50 per dozen.

**Mont Blanc.** Very large creamy white, with unusually broad, flat petals, decidedly recurved.

**Mrs. Fleers.** An attractive combination of red and rose, in numerous medium sized flowers, giving a general bright pink effect. This is usually an extra free bloomer.

**DECORATIVE DAHLIAS**—Continued

**Eventide.** A valuable cutflower type, of large size, perfect form, and with long rigid stems. Although essentially white, there is just enough of tender rose flushing the margins of the petals to give the flower a charming air of delicacy and distinction. 50 cts. each; \$5.00 per dozen.

**Hortulanus Fiet.** A "giant" decorative with an abundance of broad petals, the whole symmetrical flower averaging 8 inches across. Its exquisite color distribution beggars description; but is roughly a delicate shrimp pink pointed with gold and faintly clouded with red and yellow tones. 75 cts. each; \$7.50 per dozen.

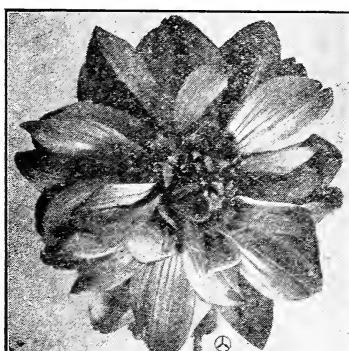
**Jack Rose.** Color, rich crimson-red, with maroon shadings at center. Very showy in the field.

**Mad. A. Lumier.** Distinct and showy variegated sort, one of the freest bloomers; semi-double flowers of white, blotched with crimson toward the end of petals, extreme tips a rich violet red. 25 cts.; \$2.50 per dozen.

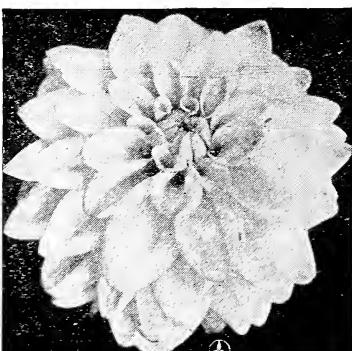


Thompson

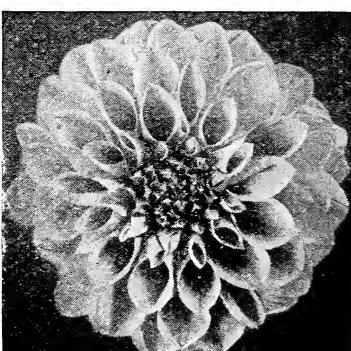
**Thompson.** Tall, with dark foliage; long black stems. Protruding, conspicuous bloom; distant effect very striking. Very large, full-petaled, somewhat recurved; brilliant scarlet, darker toward center. 35 cts. each; \$3.50 per dozen.



Mad. A. Lumier



Mont Blanc



Yellow Colosse

**DECORATIVE DAHLIAS**—Continued

**Oregon Beauty.** One of the outstanding new decorative sorts which combines giant proportions; long, stiff-stems and profusion of bloom; with a wonderful brilliancy. Its color is intense oriental red suffused with garnet; a golden sheen over all. 50 cts. each; \$5.00 per dozen.

**Princess Juliana** Pure, waxy white flowers of medium size and attractive form. A prolific cut-flower.

**Yellow Colosse.** (Giant.) Solid prim-rose yellow; one of the most dependable and satisfying yellow varieties in the decorative class. Flowers of large size, perfect form and liberal production. 35 cts. each; \$3.50 per dozen.

Unless noted, 20 cts.; \$2.00 per dozen.  
By express, \$15.00 per 100.

**“SHOW” DAHLIAS**

This type is the most formal and perfect in shape, composed of short, stiff, numerous quills of varying character. They make excellent compact bouquets and usually outlast the other types.

**A. D. Livonia.** Warm rose-pink, perfect flowers, with quilled petals which nearly overlap at the ends. New kinds come and old kinds go, but Livonia can never be spared from a Dahlia list selected for popular cut flowers.

**Arabella.** Primrose, tipped and shaded old-rose and lavender.

**Chas. Lanier.** A very perfectly formed, broad flower of deepest yellow, the largest yellow in this class.

**Cuban Giant.** (Giant.) Flowers 6 to 7 inches in diameter, dark, glowing crimson shaded maroon. A tall, strong grower with projecting flower stems. 30 cts. each; \$3.00 per dozen.

**“Dee-Lighted.”** One of the very largest and best in this class, the deep quills evenly arrayed about a tight center; ivory white. 35 cts. each; \$3.50 per dozen.

**Dorothy Peacock.** Large, perfect flowers of bright sea-shell pink. Blooms early, freely and continuously. 50 cts. each; \$5.00 per dozen.

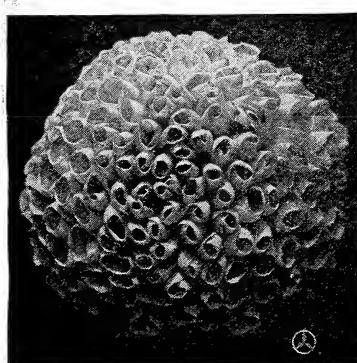
**Eclipse.** Flowers large and full, crimson-scarlet.

**Grand Duke Alexis.** (Giant.) Very large and full, with long, thick quills overlapping at the ends. White, slightly tinged and blotched lavender; the most chaste and beautiful of all. 35 cts.; \$3.50 per dozen.

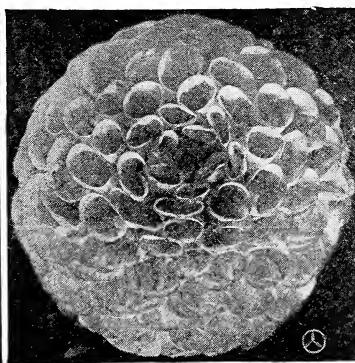


**Maude Adams.** An early and very free blooming sort, on the order of Susan, but larger and less globular. Very dainty; white, with a slight lavender suffusion inclined to focus at center. 35 cts. each; \$3.50 per dozen.

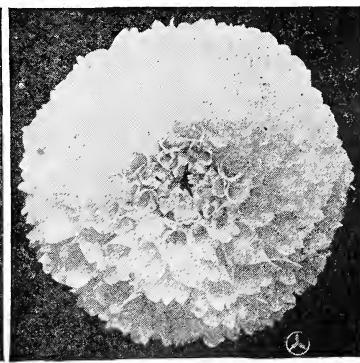
**Mrs. Wellesley.** An old time favorite; creamy white, heavily tipped solferino and crimson. A charming bowl-bouquet subject, unmixed.



**A. D. Livonia**



**Chas. Lanier**



**White Dove**



Susan

### POMPON DAHLIAS

Of medium to small size, but firm, compact and long lasting; invariably with long smooth stems, and blooming with the greatest profusion. Especially good for small bouquets, sprays or dwarf beds.

**Bobby.** Deep plum.

**Catherine.** Rich golden yellow; perfectly double.

**Little Prince.** Bold and striking; from richest crimson-maroon to varying striped combinations of crimson, scarlet and white.

**Little Beauty.** Miniature Livonias; little round, fully quilled balls of pure pink. This variety makes up beautifully in wreaths, sprays or any design requiring a small, dainty flower.

**Prince Charming.** Cream, heavily tipped purple.

**Snowclad.** Perfect show type; pure white with a slight lavender pink center.

20 cts. each; \$2.00 per dozen.

### SINGLE DAHLIAS

The Single Dahlias are exceedingly showy, when displayed against or nodding above a background of green. Used freely in large landscape effects, "Wild Fire" in particular making a brave, bright show in masses; a blaze of color all the season.

**Scarlet Century.** Mammoth single flowers of brilliant crimson-scarlet with attractive golden center.

**Fringed Pink Century.** Bright pink single flowers of good size, petals charmingly fringed. 50 cts. each; \$5.00 per dozen.

**Wild Fire.** Growth tall and compact, with rich green foliage. Flowers are round and close petaled, of fair size; intense scarlet touched at center with gold. Very free blooming, and shows a blaze of color all the season. 15 cts.; \$1.50 per dozen.

Unless noted, 20 cts. each; \$2.00 per dozen.

### SHOW DAHLIAS—Continued

**Mrs. Roosevelt.** One of the daintiest of the "giant" flowered type, with broad flattish flowers which keep well; an exquisite suffusion of white and shell pink. 25 cts.; \$2.50 per dozen.

**Perle of Holland.** On the order of "Snowstorm," extremely free, and holding up to form better than many whites.

**Princess Victoria.** Large, round fully quilled flowers of perfect form and soft, rich yellow color. This and the next variety are dependable, year after year, for a good show of unadulterated yellow.

**Queen of Yellows.** Perfect form, solid yellow.

**Red Hussar.** Tall, bushy, upright; a handsome landscape variety, or for one color bouquets. Of rigidly formal show type, its medium sized flowers gleam like rubies at pleasing intervals, above a setting of very dark green, crinkled foliage unrivaled among its fellows.

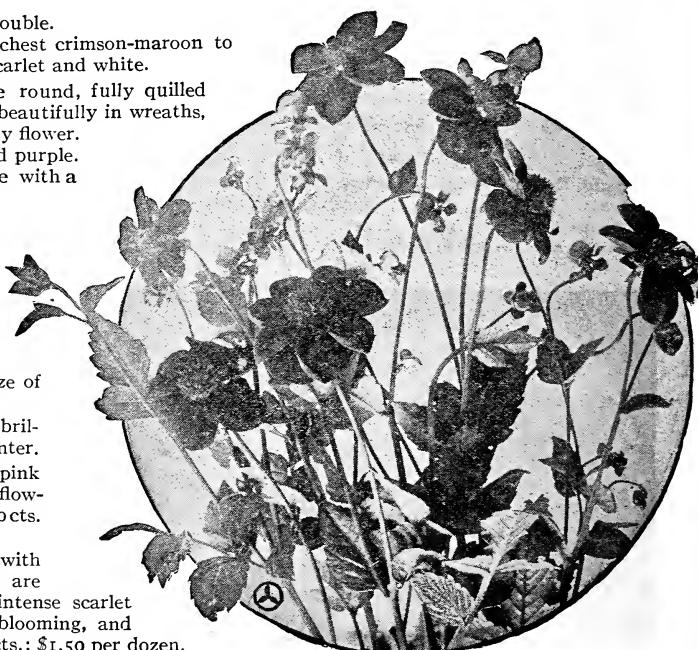
**Snowball.** Perfect ball shaped, full and compact, of large size, and upright. Color blush white.

**Susan.** Extraordinarily free-blooming; with large, shapely flowers long-stemmed and lasting; a very attractive mingling of rose-pink and white. One of the best for solid bouquets of delicate pink. 30 cts. each; \$3.00 per dozen.

**White Dove.** Good sized, round and compact flowers of glistening white; each petal fringed deeply.

**Yellow Duke.** A free flowering long stemmed form of Grand Duke; its full quilled blooms of primrose-yellow being exceedingly soft and pretty. 30 cts. each; \$3.00 per dozen.

Unless noted, 20 cts. each; \$2.00 per dozen; \$15.00 per 100 by express.



Wild Fire

## PEONY FLOWERED DAHLIAS

Tall growing, loose-petaled, large flowered and free blooming. One of their chief advantages over the other types lies in their big, fluffy, aggressive aspect which makes them of great value for landscape use. All varieties are long stemmed, airy graceful and in every way pleasing as cut flowers; while many have those soft, tender shades particularly lovely under artificial light.

**Chatenay.** A charming decorative type, not too large for grace, named for its color resemblance to the Chatenay rose. Shell pink and cream, with sun-flower center and a soft golden over-glow. 35 cts. each.

**Cleopatra.** Semi-double; brilliant red, splashed with yellow towards base of petals. Exceptionally free blooming. 30 cts. each; \$3.00 per dozen.

**Duchesse of Brunswick.** Broad flowers of perfect

Cactus form, with long incurving quills; soft cherry red deepening at tips and center to carmine. Under side stained apricot. 35 cts. each.

**Geisha.** A rich, gorgeous commingling of scarlet and gold; the flowers loosely arranged with wide, curled and twisted petals. This is the most sensational and one of the very best of the class 75 cts. each; \$7.00 per dozen.



Duchesse  
of Brunswick

**Great Britain.** Numerous rather narrow, pointed and slightly twisted petals make up a most attractively fluffy flower of good size; color, clear warm mauve. 50 cts. each; \$5.00 per dozen.

**H. Hornsveld.** Full-petaled, loose, decorative shape; the partly folded petals showing an alternation of carmine-rose from the under side, and gilded salmon pink above. 30 cts. each; \$3.00 per dozen.

**Hollandia.** Dark rose, almost a blue. This particular shade is rare in Dahlias. 30 cts.; \$3.00 dozen.

**King Leopold.** Inexpressibly lovely with its broad, fluffy flower heads swaying backwards and forwards on long stems; exceedingly free and continuous bloom, with two to three rows of petals. Color, soft, luscious canary, slightly tinted with primrose and cream. 35 cts each; \$3.50 per dozen.

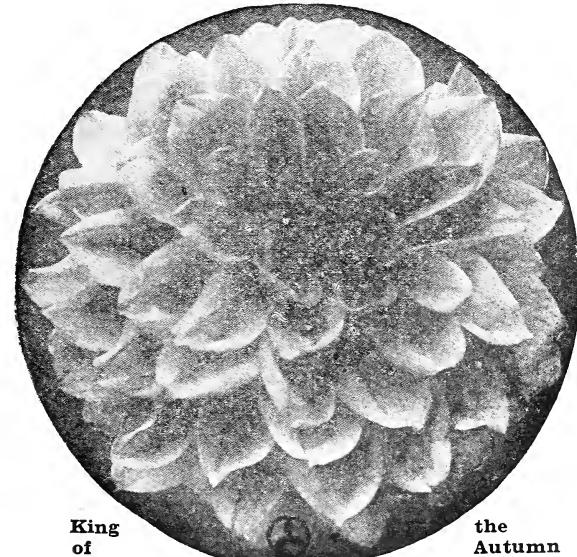
**Queen Wilhelmina.** Immense, fluffy flowers of pure white, with yellow center. 35 cts.; \$3.00 per dozen.



**King of Autumn.** This noble example of refined beauty was, indeed, the King of Autumn in our Dahlia gardens last year. Visitors of all types and tastes moved unerringly to its section and stood long in admiration. The plant is of upright, sturdy growth with probably the longest cutting stems of any variety. The flowers measure four to six inches across, with broad even petals; usually in fully decorative type, but equally attractive when with but two or three rows of petals. Color is that charming combination of salmon, tan and old gold so pleasing, not only in the sun, but equally under the lamps of night. 50 cts. each, \$5.00 per dozen.

**Mannheim.** Four to five inch, three-rowed type; cherry salmon suffused with rose, under side bright rose. The general effect of a row of nodding stems is sparkling; showing first salmon, then rose, as the wind blows. 35 cts. each; \$3.50 per dozen.

**Queen Emma.** Pale hollyhock pink, with charming white and yellow variegation streaming away from the prominent center of old gold. 35 cts. each; \$3.50 doz.



King  
of  
the  
Autumn



Daisy—Mrs. F. Sanders

### PARIS DAISY or "Marguerite"

The Marguerites are a delight in the garden. Potted, they carry nicely in bloom through the winter.

**Etoile d'Or.** Light yellow color, growth dwarf and bushy. The best variety for use as a pot plant. 20 cts. each; \$2.00 per dozen.

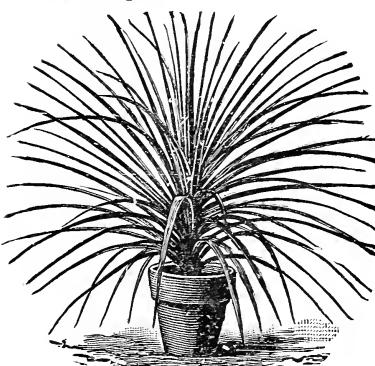
**Mrs. F. Sanders.** A new, double pure white form, very attractive. Practically all flowers come with nicely filled centers, although it varies somewhat like all double Daisies. 20 cts. each; \$2.00 per dozen.

**Nicholson's Long-Stem White.** The best of the whites for cutting on account of unusual size, and length of stem. 20 cts. each; \$2.00 per dozen.

### DAPHNE CNEORUM

One of the very few varieties of "Garland Flower" sufficiently hardy to use properly in this northern latitude, and should be given a sunny location. It is a very dwarf shrub, with spreading branches on which the narrow, inch-long leaves are crowded; making very pretty trails of blue-green foliage. The soft pink flowers appear profusely during April and May, and at intervals throughout the summer; very small and dainty in terminal clusters, with a distinct and very pleasing fragrance.

Heavy 3-year old plants, \$1.00 each. By express, \$1.00 per dozen.



Dracaena Indivisa

**Sanderiana.** An upright, stocky variety with alternating lanceolate leaves of dark green prettily variegated with creamy white stripes. 35 cts.; 3 inch pots 60 cts.

**Terminalis.** Leaves rather long and pointed, deep bronze, coloring richly to crimson, marked with pink and green and occasionally streaked with white. Although like all self-coloring foliage, this variety has its dull aspects, sunshine, warmth and the evolutions of its normal seasons produce a wonderful brilliancy. By express, 75 cts. and \$1.00.

### EUCHARIS AMAZONICA

#### "Lily of the Amazon"

A splendid plant for the conservatory, producing many choice cutflowers during a season. Flowers are star-shaped, about four inches across, and delightfully fragrant; pure, waxy white. 50 cts. each.

### EVONYMUS

**Kewensis.** A very desirable hardy vining type of Evonymus comparatively new to this country. It is very useful as a rock plant or ground cover, particularly under trees where even grass will not grow. Its foliage is a dark, glossy green; the individual leaves quite small, but numerous and dense. 2½ inch pot plants 20 cts. each; \$2.00 per dozen.



"Silver Leaf" Evonymus

The two varieties of this interesting family offered below, are not hardy enough for permanent out-door use, but are very valuable in pots for inside decoration.

**Japonica Argentea.** ("Silver-Leaf.") Foliage somewhat rounder and larger than the succeeding sort with a large per cent of surface silvered over with creamy white. This type is extremely bright and attractive, of great value for contrasting. 2½ inch pots, 25 cts.; 3 inch pots—6 to 8 inches high—50 cts. By express, 4 inch pots—8 to 10 inches high—75 cts.

**Japonica Argentea Marginata.** A splendid addition to the list of variegated decorative plants; of erect, shrubby character and with a liberal amount of foliage. Leaves are rather thick and rubbery; bright green sharply edged with white. 3 inch pot plants 35 cts.; 4 inch pots—8 to 10 inches high—75 cts. By express, 5 inch pots—15 to 18 inches high—\$1.25

### DRACENA

**Indivisa.** This is the best known sort; with graceful, slender, arching, numerous green leaves. For many years the leading variety of center - plant for vase and window box work. 2½ in., 20 cts.; 3 in., 30 cts.; 4 in., 50 cts. By express, 5 in., 75 cts.; 6 in., \$1.00.



Ficus Elastica

## FICUS—THE RUBBER PLANTS

**Australis.** A new type of Ficus favoring the Elastica in general form and leaf construction, but exhibiting several variations which are bound to better suit a great many people who utilize the rubbers for house decoration. Leaves are much smaller than Elastica, shinier and a deeper green; growth more branching and compact, thus making a greater amount of foliage. 4-inch pot plants, 60 cts. each. By express, 6 inch pot specimens, \$1.50.

**Pandurata.** (Majestic Rubber Plant.) The odd construction and mammoth leaves of this new decorative plant make a very striking appearance. The leaves are guitar-shaped with the larger end out, stiffly uprising from the central stalk. They are very thick and rubbery, ten inches wide by fifteen inches long; dark green, with creamy white veins, which on the underside are purple and boldly projecting. The sizes we offer are fine specimens by express, 18 to 20 inches high, \$2.50

### Elastica. (In-

Rubber Tree.)

This is the old reliable, thick leaved, substantial house plant which has ever patiently served its purpose, under abuse and neglect. Its dark green, shiny foliage is always handsome, and its constitution is such that it is able to stand the excessive heat and dryness of the ordinary dwelling house without injury. 75 cts. each.



S &amp; S

**Repens.** Directly opposed in character to the three large leaved upright growing sorts, this variety is really a creeping or trailing vine. In the South, where it is hardy, it somewhat resembles and takes the place of our Boston Ivy; in the Northern states it is extremely useful and ornamental for covering stone or wooden conservatory walls. 2½ inch pots, 25 cts. each; \$2.50 per dozen. 4 inch pots, 50 cts. each; \$5.00 per dozen.

## FUCHSIAS

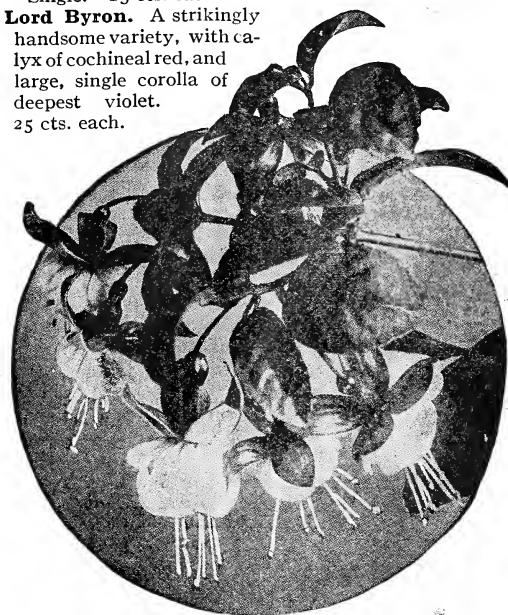
Highly prized for winter blooming, also popular for summer beds in partially shaded situations and make excellent color-spots in porch boxes and baskets.

**Avalanche.** Golden green foliage and large double flowers with dark purple corolla.

**Black Prince.** Well expanded single flowers of carmine-lake; color of calyx and corolla nearly uniform.

**Little Beauty.** Dwarf growing. A most free-blooming variety, seldom without flowers. Sepals carmine, corolla deep lilac. Single. 25 cts. each.

**Lord Byron.** A strikingly handsome variety, with calyx of cochineal red, and large, single corolla of deepest violet. 25 cts. each.



Double Fuchsia—Mrs. E. G. Hill

**Mrs. E. G. Hill.** Sepals bright crimson with large pure white corolla. Perfectly double and very free.

**Minnesota.** A chastely beautiful new variety which embodies all the essential qualities for popularity in addition to its unusual color combination; sepals pure white, corolla rich violet. 25 cts. each.

**Phenomenal.** Extra large, double purple corolla, crimson sepals.

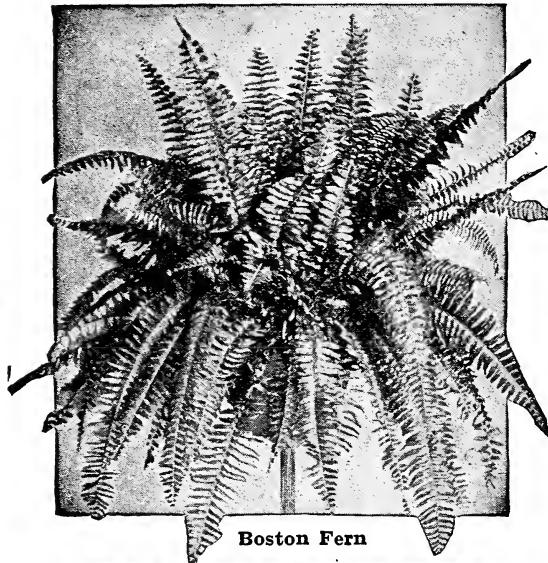
**Speciosa.** A thrifty grower with ornamental foliage, the green leaves showing red veins at the base. Flowers single with pale carmine sepals and deep scarlet corolla.

**Trailing Queen.** Emphatically trailing in habit from its first stages. Grows rapidly and to great length, flowering most profusely. Calyx pink, corolla bright scarlet. 25 cts.

**Trophee.** Round, red buds opening into beautiful double deep purple flowers.

**White Beauty.** A charming double variety, very free blooming; white with scarlet sepals.

Unless noted, 20 cts. each; \$2.00 per dozen.



Boston Fern



Whitmani Fern



Fern Dish Collection

# F E R N S

No foliage plant that grows presents so many varied charms, or is so practical for all general house, table, floral or window decorations as the Fern. Most varieties love the sun, and thrive to best advantage if located near the sunniest window, and occasionally turned. A dutiful attention to watering and general condition will be well repaid.

A selected list of the most practicable varieties, which may be safely trusted to meet all requirements.

## NEPHROLEPIS

**Bostoniensis.** (Boston Fern.) Fully matured fronds attain a length of 3 to 4 feet.  $2\frac{1}{2}$ -inch pots, 20 cts.; 4-inch pots, 50 cts.

### By Express:

4-inch pots, 40 cts. each; 5-inch pots, \$1.00 each. 6-inch pots, \$1.50 each; 8-inch pots, \$2.50 each.

**McCawii.** A new development of Teddy, Jr., not quite so dwarf in growth, but equally compact. The pinnae are more uniformly ruffled, giving the entire plant a fluffier appearance.  $2\frac{1}{2}$  inch, 25 cts. By express, 5 inch pots, \$1.50; 6 inch pots, \$2.00 each.

**“Teddy Jr.”** (Dwarf Roosevelt.) A new dwarf form of the popular Roosevelt Fern; a grand compact grower, making splendid specimens in medium size plants.  $2\frac{1}{2}$ -inch pots, 20 cts.; 4 inch pots, 60 cts. By express, 4 inch pots, 50 cts.; 5 inch pots, \$1.00; 6 inch pots, \$1.75.

**Scholzeli.** (The Plumed Scott Fern.) Short bushy, compact growth combined with a delicate fluffiness of foliage. Even very small plants are models of beauty for table decoration.  $2\frac{1}{2}$  inch pots, 25 cts.; 4 inch pots, 75 cts. By express, 4 inch pots, 60 cts.; 5 inch pots, \$1.00.

**Verona.** A handsome new variety of the *Elegans* *tissima* type, somewhat resembling N. Whitmani, but with finer “Ostrich Plume” foliage, and with a stiffer mid-rib, which makes the fronds stand up better than most varieties of the lace-ferns.  $2\frac{1}{2}$ -inch pots, 25 cts.; 3-inch pots, 50 cts.; 4 inch pots, 75 cts. By express, 4 inch pots, 60 cts.; 5 inch pots, \$1.50.

**Whitmani.** (Improved Ostrich Plume Fern.) The pinnae of this lovely type are divided and subdivided into a bewildering pluminess, yet with geometrical precision. Its growth this sturdy and vigorous and makes up early into splendid specimens.  $2\frac{1}{2}$ -inch pots, 20 cts. By express, 4 inch pots, 50 cts.; 5-inch pots, \$1.00.



“Teddy Jr.”

## MISCELLANEOUS FERNS

**Adiantum Cuneatum.** The well-known Maiden Hair Fern. This, with its various newer types, is almost indispensable in the making up of floral pieces and winter bouquets.  $2\frac{1}{2}$  inch pots, 25 cts.; 4-inch pots, 50 cts.

**Adiantum Glorie of Mordrecht.** The last word in size, compactness, grace and beauty among all the many charming variations of Maiden Hair. This new type bears leaflets of distinct shape, superlative size, and so numerous as to overlap in pleasing arrangement. Its culture is as easy and practical as the more common sorts. 4 inch pot plants, \$1.00.

**Asplenium Nidus-Avis.** (Bird's Nest Fern.) Broad banana-like leaves three to nine inches wide and two to four feet long (when fully developed) growing in a crown. Their color is a rich, transparent green, intensified by closely parallel veins, and a prominent midrib of purple-maroon.  $2\frac{1}{2}$  inch pots, 35 cts. 3 inch pots, 60 cts.

**Selaginella Emiliana.** (Moss Fern.) A good substitute for Asparagus or Maiden Hair, or for table and house decorating in larger sized pots. Very dwarf and compact. 20 cts. each; 3 for 50 cts.

**Selaginella Denticulata.** A low-growing, drooping variety, forming a ball of bright green. 20 cts. each; 3 for 50 cts.

## SMALL FERNS FOR DISHES

These charming little decorative plants, each of different and distinct form, and representing various shades of green and silver variegation, are especially adapted to use in table jardinières and are indispensable for all inside "fern" effects.

**Adiantum Cuneatum.** Maiden Hair Fern.

**Aspidium Tsussimense.** Dwarf and compact plant; short tri-pinnate leaves of the darkest green.

**Cyrtomium Falcatum.** (Holly Fern.) Broad, half-belt-shaped leaves of waxy green; always shiny.

**Pteris Adiantoides.** Good sized leaves in perfect triangle shape; dark green with distinct fine veins.

**Pteris Cretica Albo-Lineata.** A handsome dwarf growing fern, deep green, striped white.

**Pteris Magnifica.** Long, wide spread leaves occasionally crested, bright green.

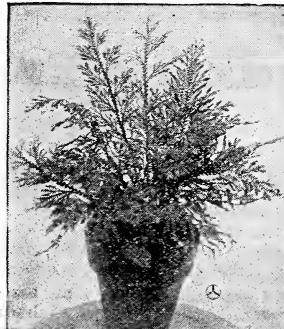
**Pteris Mayii.** Dwarf variegated sort, prettily crested.

**Pteris Serrulata Cristata Variegata.** Crested ends; distinctly variegated.

**Pteris Victoria.** Rather dwarf and compact; fronds short but broad-based with numerous pinnae, a decided silver streak down the center of each.

**Pteris Wilsoni.** One of the finest of all the dish ferns.

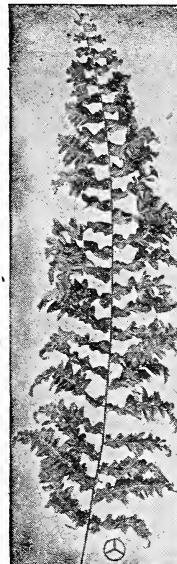
20 cts. each; \$1.75 per dozen.



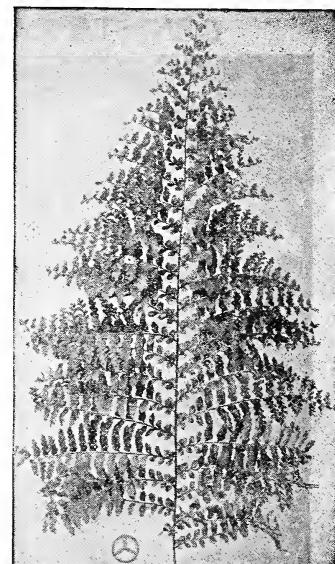
Moss Fern

### FERN DISH COLLECTION

We will mail  
6 plants in 6  
varieties of  
our choice for  
85 cts.



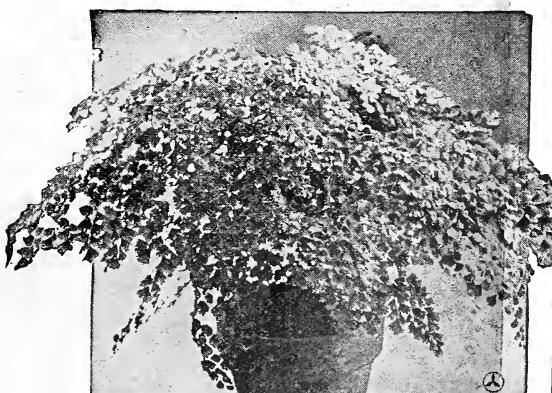
Scholzeli



Verona

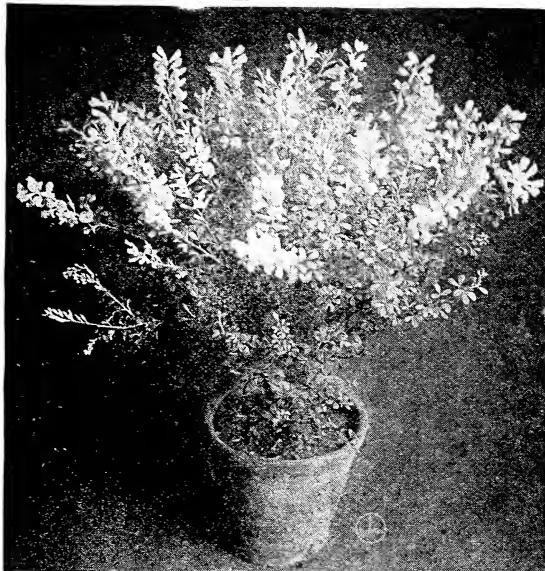


"Bird's  
Nest  
Fern"



New Adiantum—Glorie of Mordrecht

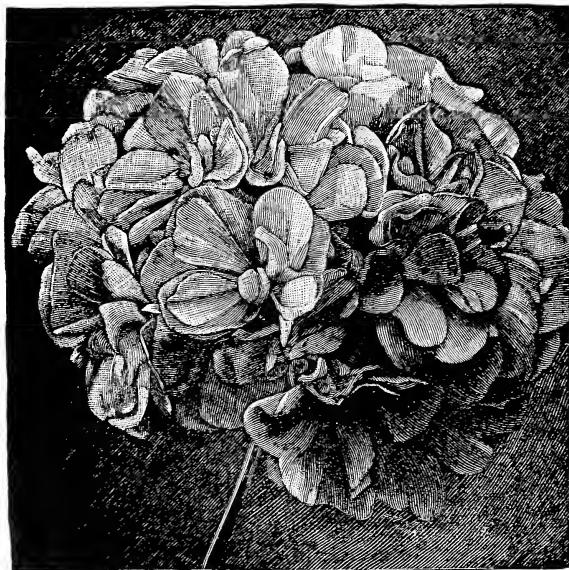
## GENISTA RACEMOSA



A round, dense foliated plant of easy house cultivation, which makes one of the most beautiful spring flowering plants in our lists. Flowers are very small, pea shaped, borne in close racemes. When in full bloom the entire plant is a solid ball of the brightest yellow, emitting a delicious lemon fragrance. Very popular for Easter decorations and will continue in bloom about four weeks.  $2\frac{1}{2}$  inch pot plants, 20 cts. each. By express, 5-inch pot plants, 75 cts. each.

## GERANIUMS

Geraniums are the best known and most extensively used of all bedding plants. Our list of varieties is not large, but represents the best and most serviceable in the different classes. **All from  $2\frac{1}{2}$  inch pots.**



Mad. Barney

## SINGLE AND DOUBLE

Single varieties are preceded by a star (\*)

**Abbie Schaefer.** An abundant bloomer, good in any situation; soft crimson-scarlet. 20 cts.

**Alphonse Ricard.** Semi-double, dwarf and branching, bright orange red.

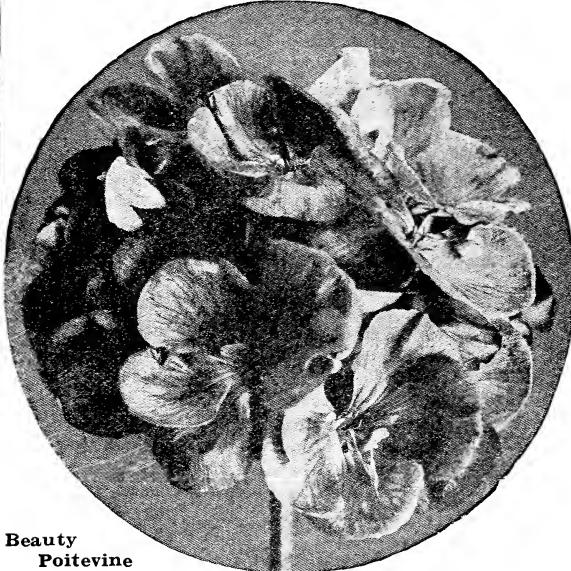
**\*Beauty Poitevine.** Rosy salmon, nicely shaded and tinted from deep orange to pure salmon.

**Bertha de Pressly.** Absolutely the only double pure delicate pink Geranium that does not fade.

**Flamingo.** Showiest and most commendable double dark red on our grounds.

**Francis Perkins.** Bright rose-pink.

**Helen Michell.** Flowers very large, semi-double and numerous; bright orange scarlet. 20 cts.; \$2.00 per dozen.



Beauty  
Poitevine

**Heteranthe.** Exceptionally large trusses of semi-double flowers; clear orange scarlet.

**\*Jacquerie.** Very large, vivid, deep carmine red. 20 cts.; \$2.00 per dozen.

**Jean Oberle.** An exquisite shade of hydrangea-pink, fading to white at the outer edges; florets and truss extremely large. Does not burn. 20 cts.; \$2.00 per dozen.

**Jean Viaud.**  $2\frac{1}{2}$  inch semi - double flowers in trusses  $1\frac{1}{2}$  to 15 inches in circumference. Beautiful clear, rosy pink with distinct white blotch at center.

**La Favorite.** Very large trusses; snow-white.

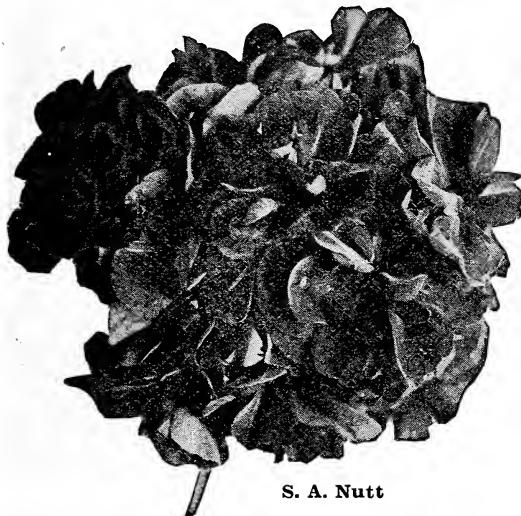
**Mad. Barney.** A splendid bedding variety; extremely large, double flowers of brilliant rose. For solid beds of deep, showy pink, this variety is not surpassed.

**Mad. Jaulin.** The lovely "Apple Blossom Geranium," in color a varying combination of peach pink and blush white. Dwarf and bushy. 20 cts.; \$2.00 per dozen.

**Mad. Landry.** Semi-double; rich salmon shaded orange, edge of petals a brighter shade.

**\*Marquis de Castelaine.** A giant among Geraniums. Color deep rosy scarlet, shading into pure scarlet at the edge of upper petals. 20 cts.; \$2.00 per dozen.

## GERANIUMS (S. &amp; D.)—Continued



S. A. Nutt

**Mrs. George E. Buxton.** (New.) This is a new double variety which has not been advertised until this year. The plant is an exceptionally strong grower and produces a great many flower trusses of the largest size. Its color is very acceptable and pleasing, being the ever popular shade of "Bridesmaid" pink. 50 cts. each; \$5.00 per dozen.

\***Mrs. E. G. Hill.** Large single flowers; bright salmon, with a light shading at center.

**Mrs. Lawrence.** A dwarf, compact grower equally valuable as a bedder or for winter pot-blooming; bright salmon-pink, slightly tinged white.

\***Rosalda.** (Single Bruant.) A strong, robust semi-dwarf variety. Flowers rich crimson pink, the upper petals heavily blotted white, with carmine veins. A good bedder. 20 cts.

**S. A. Nutt.** "Old as the hills," but the one variety always dependable for a constant blaze of crimson from May until snowfall. Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.

## FANCY LEAVED GERANIUMS



Happy Thought

**Happy Thought.** A tri-color Geranium with very dark green foliage, having a light creamy—almost white—center, with a dark band about the light zone. Single flowers, bright scarlet.

**Mad. Salleroi.** A very compact variety of Silver Geranium; very fine for massing or bordering. A thrifty, healthy grower,

rarely reaching a height of more than six inches; leaves very small, of a peculiar clear green, edged with pure white.

**Mrs. Parker.** Foliage deep green, broadly margined creamy white; flowers double, bright pink.

**Mrs. Pollock.** Bronze, belted with crimson and edged golden yellow. 25 cts. each.

**Prince Bismarck.** Foliage yellowish green with narrow zone of deep chocolate, flowers salmon tipped white; a splendid variety.

**Wm. Langguth.** Foliage variegated green and white, double crimson scarlet flowers  $1\frac{1}{2}$  inches in diameter. Strong and upright, more vigorous than any of the older varieties of this type.

**Variegated S. A. Nutt.** A new introduction with liberal, healthy, remarkably beautiful variegated foliage, the green and creamy white being about evenly apportioned; of the same general form, freedom, character and deep crimson color as the famous S. A. Nutt.

**Fancy Leaved sorts, unless noted, 20 cts. each; \$2.00 per dozen.**

## IVY LEAVED GERANIUMS

Nothing more desirable for baskets, vases or for any trailing or climbing plant utility.

**Achievement.** Immense semi-double flowers of a distinct and pleasing shade of cerise pink. The foliage is rich in color and of heavy substance; growth dwarf, compact and sturdy.

**Caesar Franck.** Enormous trusses of semi-double flowers, shaped and clustered much like "Crimson Rambler" Rose; vividly crimson, with a slight dash of rose at the base of petals.

**Incomparable.** Very large trusses and florets; a charming shade of carmine-rose.

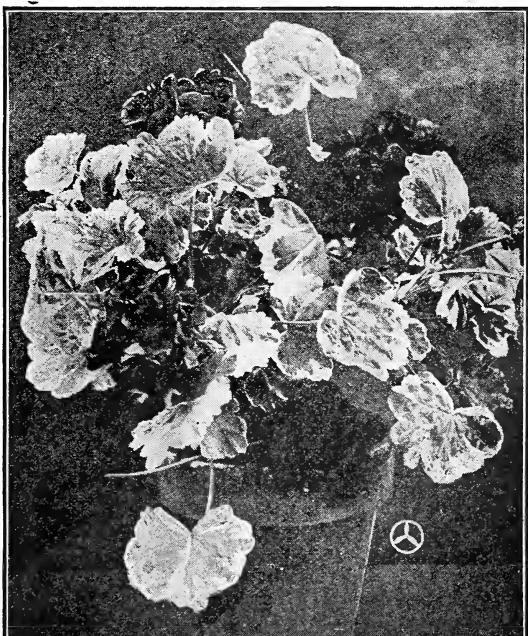
**Mrs. Mawley.** Large, semi-double flowers; rosy cerise, shaded magenta, with a dark blotch on upper petals. A strong, robust grower.

**Souv. de Chas. Turner.** Florets  $2\frac{1}{2}$  inches, in trusses six inches across; a deep, bright purple approaching scarlet, the upper petals feathered maroon.

20 cts. each; \$2.00 per dozen.

## SCENTED LEAVED GERANIUMS

Two distinct varieties—**Lemon** and **Rose.** 20 cts. each; \$2.00 per dozen.



Silver Nutt

# GLADIOLI



THIS CLASS of summer-flowering bulbs is doubly valuable for the brave field show of bloom, and for its generous supply of cut-flowers. Gladioli flowers last longer when cut than most any other flowers, and develop in water to a greater perfection than if left on the plant. Any rich, light garden soil will grow Gladioli if properly worked in preparation, and exposed to the benefit of full sunlight. Bulbs should be planted from the middle of April on into May throughout the Northern States, a second planting after two or three weeks ensuring a more even succession of bloom. Set bulbs 2 to 4 inches deep and 6 inches apart in the drills, single rows 12 inches, and double rows 8 inches apart. Beds do well planted 2 to 6 inches apart each way.

## "RUFFLED GLORY" SET

The "Glory" type of Gladioli are distinct from other forms; their originator, Mr. Kunderd, having worked not only towards large size and strong color markings, but particularly for the beautiful ruffled or fluted petals which are their distinguishing feature, and introduce a wonderfully attractive new feature into the *Gladiolus* family.

**Kunderd's Ruffled Glory.** The original of what is proving to be a distinct and immensely popular class. Color, delicate cream-pink, with a crimson stripe on each petal. 30 cts. each; \$1.00 per dozen; \$7.00 per 100.

**Orange Glory.** Clear orange, paling in the throat. 30 cts. each; \$3.00 per dozen.

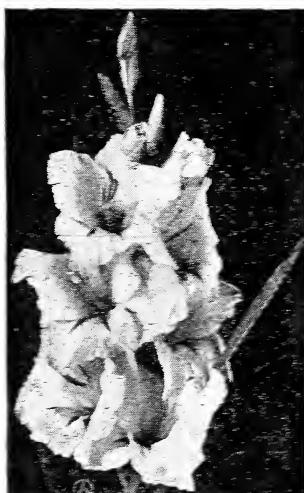
**Rose Glory.** A beautiful shade of rose pink, deepening in the throat. 30 cts. each; \$3.00 per dozen.

**White Glory.** Pure white, with throat markings in iris-blue. 30 cts. each; \$3.00 per dozen.

**Neoga.** Dark garnet red, with even deeper shadows in the throat. 20 cts. each; \$2.00 per dozen.

**White King.** Sulphur white, prettily marked on lower petals, deeply ruffed. 20 cts. each; \$2.00 per dozen.

**SET**  
1 of each  
for  
\$1.25  
or  
2 of each  
for  
\$2.25

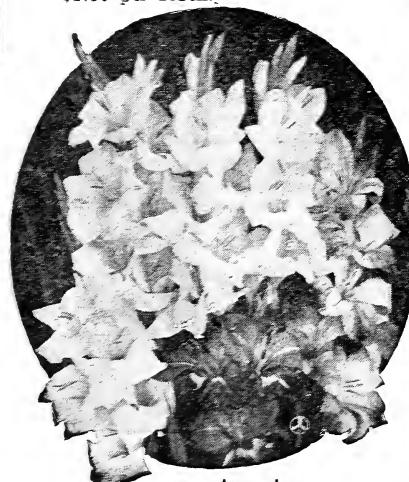


Kunderd's Ruffled Glory  
CHOICE NAMED  
GLADIOLI

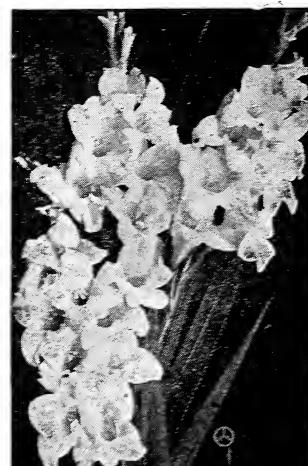
Rate per 100 by express only. If wanted by mail in 100 lots, add 25 cts. per 100 for postage.

**America.** Beautiful, soft flesh - pink, faintly tinged lavender. A magnificent cut-flower, the origin of some of our finest and most popular modern varieties. 6 cts. each; 60 cts. per dozen; \$1.00 per 100.

**Augusta.** Lovely pure white with blue anthers. 6 cts.; 60 cts. per dozen; \$1.00 per 100.



America



Augusta



Liebesfeur



Niagara



Pink Perfection



Mrs. Watt

### CHOICE GLADIOLI—Continued

**Baron Hulot.** Rich, deep indigo blue. Besides being the only blue Gladiolus known, it is a really very fine sort. 10 cts. each; \$1.00 per dozen.

**Chicago White.** A superb new variety with tall straight stems on which well expanded flowers are snugly set. Flowers pure white, with faint lavender streaks in lower petals; very early. 8 cts. each; 75 cts. per dozen; \$5.00 per 100.

**Dixie.** A deep and attractive shade of red—almost black. 15 cts. each; \$1.50 per dozen.

**Empress of India.** A glorious rich dark mahogany red uniquely veined. 15 cts. each; \$1.50 per dozen.

**Europa.** The most prolific pure white Gladiolus, superior to older sorts in the great number of florets; Europa usually averaging from 20 to 25 perfect flowers, as many as 10 or 12 appearing at one time. The compact, dense formation, freedom and strong upright stems making them of exceptional value for cutting. 15 cts. each; \$1.50 per dozen; \$10.00 per 100.

**Evelyn Kirtland.** Tall and stately; flowers fairly sparkling with a characteristic lustre, and joyous color tones. Rosy pink, darker at edges and dimming to shell-pink at center; brilliant scarlet blotches on lower petals. 15 cts. each; \$1.50 per dozen.

**Goliath.** Of great value as a garden flower if planted in generous quantity; the mass of dark, purplish blue flowers making a wonderful effect among the prevailing light shades of other Gladioli. 10 cts. each; \$1.00 per dozen; \$7.50 per 100.

**Governor Hanley.** Early, tall, showy; one of the very best self colored varieties; brilliant cardinal red. 10 cts. each; \$1.00 per dozen; \$7.50 per 100.

**Gretchen Zang.** Liberal bloom in that soft, melting pink merging into scarlet on lower petals. 10 cts. each; \$1.00 per dozen.

**Halley.** Delicate salmon-pink, slightly roseate, the lower petals showing a creamy blotch bisected by a red stripe. One of the earliest to bloom. 5 cts. each; 75 cts. per dozen; \$5.00 per 100.

**Klondyke.** Rather dwarf growth, but very desirable as one of the earliest yellows. Pale primrose with crimson maroon blotch on lower petals. 8 cts. each; 75 cts. per dozen; \$5.00 per 100.

**Liebesfeur.** Among all the varieties which come in solid colors, this is one of the most brilliant; rich, pure scarlet. 15 cts. each; \$1.50 per dozen; \$11.00 per 100.

**Lily Lehmann.** A delicate combination of pink and white, unusually large and strong growing for this type. Purest ivory-white flushed pink at tips of petals, with conspicuous lavender anthers. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

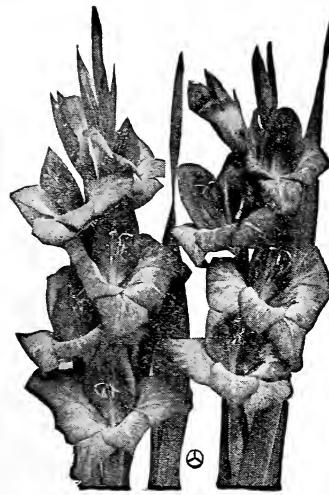
**L'Immaculee.** A pure white variety, having long, slender spikes of a dozen or more well-set blooms, of good substance and durability. 12 cts. each; \$1.25 per dozen.

**Loveliness.** A beautiful cream colored variety of good form and substance; the throat slightly suffused with apricot. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

**Mrs. Dr. Norton.** Immense flower, creamy soft pink, end of petals showing a charming picture of deeper pink. This has been one of the most notable show varieties of the past four years. 60 cts. each; \$6.50 per dozen; \$45.00 per 100.

**Mrs. Francis King.** A fine strong growing variety with large spikes of showy flowers. Color a bright shade of pure scarlet. 6 cts.; 60 cts. per dozen; \$1.00 per 100.

**Mrs. Frank Pendleton, Jr.** A magnificent variety which has won various awards. Every bud opens up in water fully and perfectly. Flowers are very large and well expanded, of a lovely flushed salmon pink; with blood-red blotches in the throat. 8 cts. each; 75 cts. per dozen; \$5.00 per 100.



Halley (Page 83)

### CHOICE GLADIOLI (Continued)

**Mrs. Watt.** A very satisfactory kind showing many open flowers at one time, borne profusely from mid-season on, with thick, strong stalks. The color is that rich, velvety wine color unmixed with any other shade, which has become familiar in the popular Hadley Rose. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

**Niagara.** Of America character, but somewhat larger; rich cream color deepening to canary yellow on lower petals. A faint carmine blush at tips of petals and streak at throat, with purple stamens and carmine stigmas, make a lovely combination. 8 cts. each; 80 cts. per dozen; \$6.00 per 100.

**Peace.** A robust grower, reaching 5 feet in height with a correspondingly long flower spike; pure white with faint lilac markings on lower petals. 8 cts. each; 80 cts. per dozen; \$6.00 per 100.

**Panama.** More deeply pink than America, and a trifle larger. 8 cts. each; 80 cts. per dozen; \$6.00 per 100.

**Pink Perfection.** Dainty, very large flowers of apple blossom pink. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

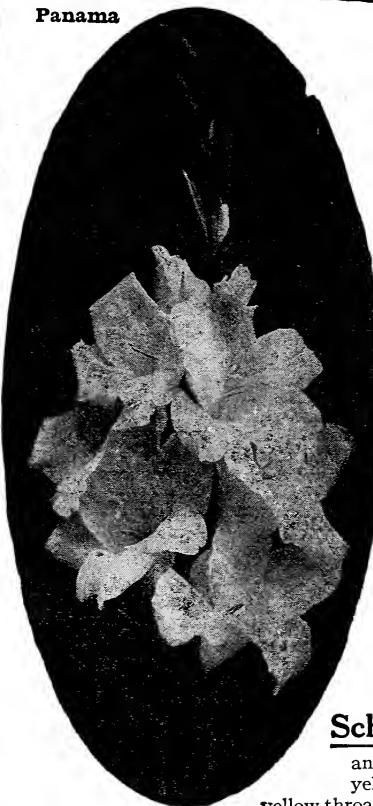
**Pride of Goshen.** Deeply ruffled bud and flower, a giant among the many choice varieties of the "glory" type; beautiful flesh pink. 20 cts. each; \$2.00 per dozen.

**Prince of Wales.** A seedling of Halley, which it somewhat resembles, but is even earlier to bloom; and on account of its attractive, nebulous orange color has become equally popular for early cutting. 8 cts. each; 75 cts. per dozen; \$6.00 per 100.

**Purple Glory.** This magnificent new variety should be included with the other Glory's in the set; but its scarcity and high price requires individual notation. This is the largest of the "Glory" class, very deeply ruffled, and gleaming darkly in its velvet richness—maroon red heightened by almost black blotches. \$1.25 each; \$12.50 per dozen.

**Rouge Torch.** A spectacular flower; clear white with flaming carmine torch in the throat. 10 cts. each; \$1.00 per dozen.

Panama



Mrs.  
Frank  
Pendleton  
Jr.  
(Page 83)

### Scarlet Princeps.

Similar to the old Princeps in the mammoth size of its florets, and in the brilliancy of its scarlet color; but this new form gains an added richness by the deeper shadings in the throat, and more compact arrangement in the spike. 25 cts. each; \$2.50 per dozen.

**Schwaben.** Extremely showy both as a cut flower and bedder. The color is pure canary yellow shaded sulphur, the golden yellow throat slightly blotched with dull carmine, but so deep as not to interfere with the all yellow general effect. Flower spikes are tall and strong, numerous and well set with perfect flowers. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

**White Giant.** A Holland variety of great beauty and value; very large pure white. 35 cts. each; \$3.50 per dozen.

**Wilbrinck.** A pretty light pink derived from the early and very popular Halley. 10 cts. each; \$1.00 per dozen.

### "STANDARD" MIXTURE

#### Of Large Flowered Gladioli

This is a fine mixture of average standard sorts, not so choice as the kinds going into "Old Glory," but far from being the "commonest" of the cheaper mixtures.

**By mail,** 50 cts. per dozen; \$3.50 per 100.

**By express,** 35 cts. per dozen; \$2.50 per 100; \$22.00 per 1000.

### S. & H. Co.

### "OLD GLORY MIXTURE"

#### Of Large Flowered Gladioli

We have assembled for the coming season a suitable quantity of choice named varieties which equal in quality and color distribution any "Old Glory" collection of the past; confidently expecting it to pave the way for even greater patronage a year hence. This collection is entirely our own, in which we take a reasonable pride. **By mail,** 60 cts. per dozen; \$4.00 per 100. **By express,** 50 cts. per dozen; \$3.50 per 100; \$30.00 per 1000.



### PRIMULINUS HYBRIDS

#### The "Butterfly" Gladioli

A South African introduction of recent origin, presenting entirely new features. Flowers run usually smaller than the general list, but are of pretty shape, generous in quantity without being crowded, and cover a long blooming period. They introduce those delightful tan and yellow and orange shades so eagerly sought in all flowers for cutting, besides being showy in the garden.

**Ada.** A choice new hybrid bearing three to four flower spikes, with dainty medium sized flowers. White, blotched in blood-red almost identically with Mrs. Pendleton, Jr. 10 cts. each; \$1.00 per dozen.

**Adorable.** Blooms very early on long spikes; blush white, daintily mottled with peach pink and cream. 15 cts. each; \$1.50 per dozen.

**Alice Tiplady.** Orange saffron; flowers unusually large for the class, and beautifully ruffled. 25 cts. each; \$2.50 per dozen.

**Angola.** Salmon pink. 10 cts. each; \$1.00 per dozen.

**Aurora.** A charming variety, colored like the autumn tints of Maple leaves. Early. 10 cts.; \$1.00 dozen.

**Conspicuous.** Blooms early to late, unusually productive. Shows the rich yellow and red markings of Schwaben. 10 cts. each; \$1.00 per dozen.

**Firefly.** Deep scarlet. 12 cts. each; \$1.15 per dozen

**Golden Gate.** A finely ruffled variety, tall and vigorous; bright golden yellow. 15 cts. each; \$1.50 dozen.

**Juliette.** Blush white with faint pink markings. 10 cts. each; \$1.00 per dozen.

**Leander.** Dull lead blue; only blue in this class. 30 cts. each; \$3.00 per dozen.

**Lord Nelson.** A tall, strong grower, with heavy spikes habitually showing 7 to 8 open flowers at a time. Pink. 10 cts. each; \$1.00 per dozen.

**L'Unique.** Bronze, with orange yellow center. Flowers medium size, but very early and continuous. 10 cts. each; \$1.00 per dozen.

**Maidens Blush.** Enchantress pink; earliest of all. 10 cts. each; \$1.00 per dozen.

**Myra.** Deep salmon over yellow, with pink lines in the yellow throat. A new and giant flowered variety. 30 cts. each; \$3.00 per dozen.

**North Star.** Rich deep yellow, with throat shading deeper at the base. 10 cts. each; \$1.00 per dozen.

**Orange Brilliant.** Medium size, uncrowded, early flowers, very useful for cutting; brilliant orange. 10 cts. each; \$1.00 per dozen.

**Queen Victoria.** This is one of the most profitable varieties of the class, or of any class, as a cut flower. Each bulb produces several strong spikes, with very large, hooded flowers revealing a delightful color combination. Outer petals a glittering bright pink; throat silvery rose. 15 cts. each; \$1.50 per dozen.

**Violet Queen.** Clear violet with just a few touches of claret. The early flowers are extra large, on strong medium stems. 15 cts. each; \$1.50 per dozen.

### "BUTTERFLY" MIXTURE

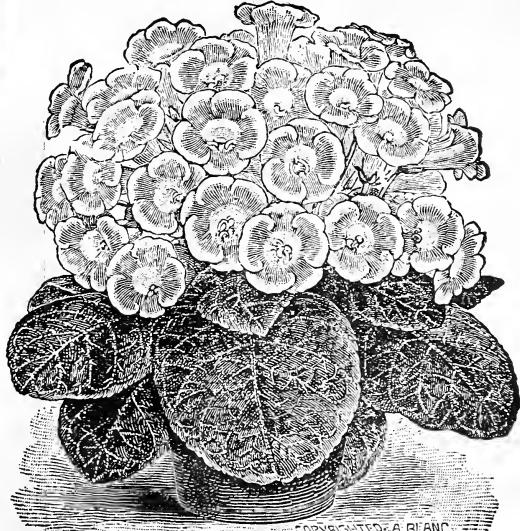
#### Of the New Primulinus Types

Now that the number of varieties in this admirable new class have increased, some of the older named varieties, and many new seedlings as yet unnamed, can be thrown into a general mixture, such as this—which will reveal all of the "Butterfly" shades and markings peculiar to the type—at a cheaper price than the named list of the season.

**By mail,** 75 cts. per dozen; \$6.00 per 100.

**By express,** 65 cts. per dozen; \$5.25 per 100.

### GLOXINIAS



COPYRIGHTED A. BLANC.

The Gloxinia is one of our most notable summer flowering plants, with handsome large, round, shiny leaves and quantities of big flowers. May be handled with success anywhere if given good rich, light soil and a partially shady situation, until well started into growth. Care should be taken, in watering, not to wet the leaves, nor to allow the soil to cake. When through blooming, store in any dry, warm place for re-potting next season.

Their basic color is light blue, but they acquire distinction and individuality by their variously colored borders and fancy markings. We offer three separate types as follows:

**White Bordered, Red Bordered and Purple Bordered.** 30 cts. each; \$3.00 per dozen.

## HELIOTROPE



This altogether delightful old plant has been such a favorite and so well known in the olden days, it seems odd to have so many visitors of the present generation inquire "What is that?" Does our appreciation of certain perfumes, our conception of particular types of beauty, change naturally with the progress of time? Or is it a matter of changing fashions? The Heliotrope should never be forgotten.

**Centefleur.** A very striking variety entirely distinct from all others; dwarf growing with fine, neat foliage. Flowers are deliciously fragrant, florets wide and flat, color deep true heliotrope, with conspicuous white eye. Sprays are of the largest size, completely covering the plant. 20 cts. each; \$2.00 per dozen.

**Jersey Beauty.** A variety with which every one is familiar; one of the best for all purposes. Bright mauve purple.

**Snow Wreath.** Blooms in large trusses of fragrant white flowers. An excellent sort.

Unless noted, 15 cts. each; \$1.50 per dozen.

## HIBISCUS SINENSIS

Strong growing tropical plants with handsome glossy foliage and large, brilliant, showy flowers. In a warm sunny window they make fine decorative plants and bloom profusely. If planted in the open ground during the summer they make a gorgeous display with their enormous, bright colored flowers.

**Aurantiaca.** Large, double orange colored flowers; very novel and attractive. 25 cts.

**Mineatus Semi-Plenus.** Half double, prettily ruffled flowers; light vermilion-scarlet. 20 cts.

**Peachblow.** Flowers double; of a rich shade of clear pink, with small, deep crimson center; most beautiful shading; four to five inches in diameter. Blooms freely even on small plants. 25 cts.; \$2.50 per dozen.



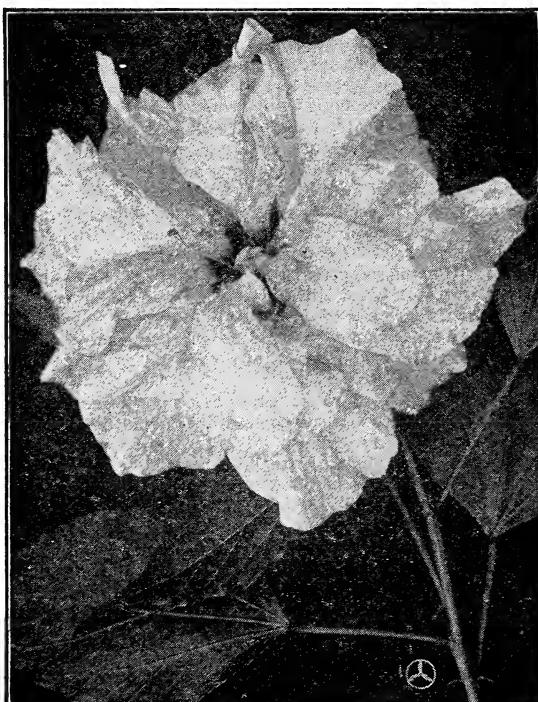
English Ivy

## ENGLISH IVY

*Hedera Helix.* One of the few good climbing plants for the house. Foliage is rich waxy green with prominent lighter veins and is very attractive when trained against harmonious paper or woodwork. If planted out doors, the vines must be taken down and carefully covered for winter, in this northern latitude. 2½-inch pots, 20 cts.; \$1.85 per dozen. 4-inch pots, tops 2 to 3 feet long, 35 cts.; by express, \$3.50 per dozen.

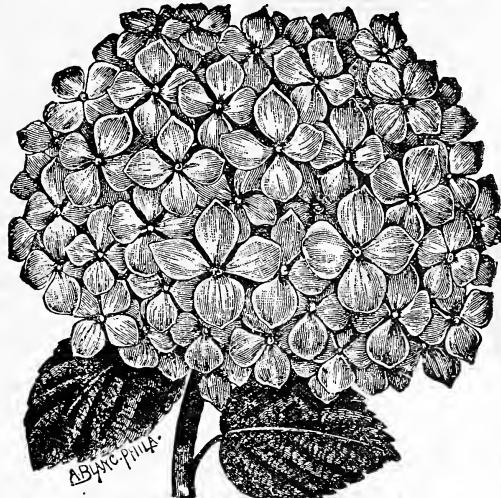
## PARLOR IVY

*Senecio Mikanoides.* In former years has gone by the common name of "German Ivy." A fast running vine, that is unsurpassed for use in hanging baskets and urns where delicate green foliage is needed. It derives its common name "Parlor Ivy" by reason of being used with striking effect to decorate interior walls. The foliage is a pretty, light bronze green with five to seven points; occasional yellow flowers in small terminal clusters. 15 cts.; \$1.50 per dozen.



Hibiscus Peachblow

## HYDRANGEA HORTENSIS



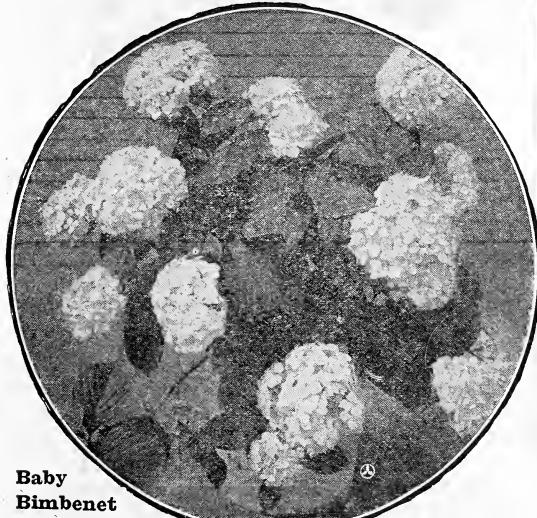
Not hardy in the Northern states, and should be brought into the house before freezing fall weather. A cool, light, cellar location is preferable with occasional watering, but keep them dormant even if a cooler temperature is found necessary. Early in spring bring up and apply water liberally.

**Otaska.** The old favorite used so extensively in pots at Easter time, and for lawn decoration in summer. 20 cts. By express, 5-inch pot plants, 75 cts.

**Ramis Pictis.** (Red Branched.) A distinct variety both in foliage and flowers. The flowers are deep rose color, produced in immense trusses, while the branches are dark red, becoming brighter as they near the flower truss. 20 cts.

## NEW FRENCH HYDRANGEAS

New sorts improved by the French growers and an acceptable addition to our list of first class house plants. These plants will be practically dormant when shipped, but will soon respond to sunlight and plenty of water.



**Baby Bimbenet.** Very dwarf, early and free; distinct from others in that each and every shoot produces flowers. Large, compact trusses of silvery rose. 25 cts. each. 5 inch pot plants by express, 75 cts.

**E. G. Hill.** Immense trusses of clear pink. 25 cts. each.  
**Mad. Emile Mouillere.** One of the very best; with immense trusses of florets frequently over two inches in diameter. Pure white, with rosy carmine eye.  
**Mad. Legou.** Large, creamy white. 25 cts. each.  
**Mad. Maurice Hamar.** A pleasing shade of delicate flesh-pink.

**Mlle. Renee Gaillard.** Beautifully fringed petals in full panicles of creamy white.

**Souv. de Mad. Chautard.** Shapely plants of robust habit, bearing medium size, but extremely pretty flowers of bright rose.

**Trophee.** Vigorous growth, great freedom of bloom. This is the darkest carmine red of any variety. 25 cts. each; 5 inch pot plants by express, 75 cts.

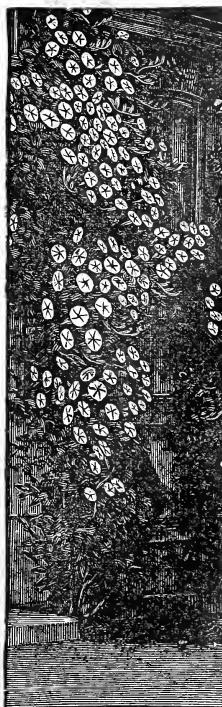
**Vicomtesse de Vibraye.** A favorite early forcing sort, bright rose, changing to blue.

### UNLESS NOTED

By mail, 2½ inch pot plants, 20 cts. each.

By express, 5-inch pot plants, 60 cts. each.

## IMPATIENS SULTANA HYBRIDS



Moon Flowers

One of the prettiest and most satisfactory house plants for winter blooming as well as a charming feature of the summer garden. These plants commence blooming when very small, are seldom out of bloom, and when at their best display a profusion of flat, single flowers, ranging from intense carmine-rose to white; against a rounded background of glossy green leaves. 20 cts. each; \$2.00 per dozen.

## IPOMEA (Moon Flowers)

One of the most popular summer vines. The foliage is graceful and serviceable, and the vine a rapid climber, attaining a length of 40 feet in a season. The flowers are borne abundantly throughout a long season, opening at sundown, emitting a rich Jessamine odor at night, and closing about noon next day.

**Grandiflora.** Satiny white flowers, five to six inches in diameter. 20 cts.; \$2.00 doz.  
**Learii. (Blue.)** Intense violet-blue, with reddish purple rays. 25 cts.; \$2.50 per dozen

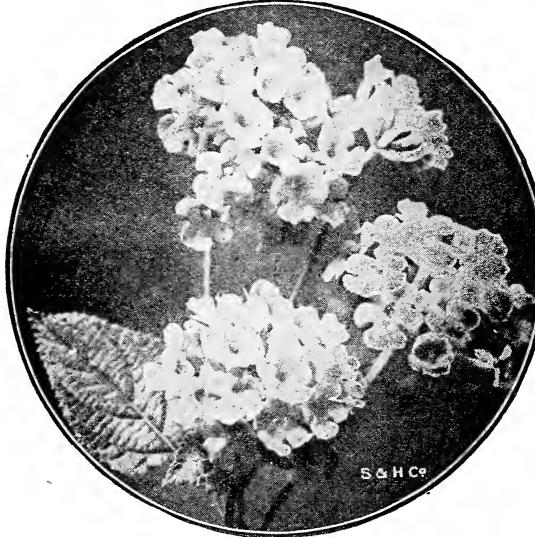
## JASMINE

**Cape Jessamine.** (Gardenia Florida.) A beautiful evergreen shrub 2 to 4 feet high, with small, solitary, star-shaped flowers of delightful fragrance; very popular in Southern gardens for continuous summer bloom. Not hardy north of the Ohio river, but of value as a house or conservatory plant. 30 cts.; \$3.00 per dozen.

**Maid of Orleans.** Single, creamy white flowers of delightful fragrance. 25 cts.; \$2.50 per dozen.

**Jasminum Grandiflorum.** (Spanish Jasmine.) Grows nearly erect, with angular, drooping branches. Used more than any other variety on account of its abundant fragrant, starry bloom, throughout the winter, as well as during its summer stay in the garden. Will stand 10 to 12 degrees of frost. 25 cts.; \$2.50 per doz.

## LANTANAS



Showy bedding and basket plants that are being used more extensively than ever before. They are in bright, catchy bloom continuously from spring until frost cuts them down in the fall; at all times emitting a pleasant, pungent fragrance. The flowers are small, bright eyed cups, set quite closely together in rounded umbels two to four inches across. Their colors run to brilliancy, and mostly unite two or more contrastive but harmonious shades.

**Aurora.** Large flowered, dark and light shades of pink with yellow center.

**Corbeille d'Argent.** A free blooming pure white variety, dwarf and compact.

**Countess de Biencourt.** Brilliant rose-pink surrounding a center of creamy yellow.

**Craigie.** Dark, cardinal-red velvet, its center studded with gold; extremely florescent.

**Isolande.** An especially good dwarf variety; a showy commingling of crimson, orange and yellow.



**Jacob Schultz.** Rich, velvety crimson-wine; with a varying center of blood-orange. This is the darkest and showiest sort, and is a strong grower. 20 cts. each; \$2.00 per dozen. By express, \$14.00 per 100.

**La Pluve d'Or.** ("Shower of Gold.") Dwarf stocky growth; resplendent all summer with masses of golden-yellow cymes. 20 cts. each; \$2.00 per dozen.

**Melissifolia.** Dwarf, compact grower; sulphur yellow and tender rose.

**Michael Schmidt.** A bold, brilliant fire-red; center heightening the flame effect.

**Tethys.** High-built cymes of but one color; pure canary yellow, fading to cream. 20 cts. each; \$2.00 per dozen.

**Weeping Lantana.** A fine plant for winter flowering in pots or small hanging baskets. Flowers delicate rosy lilac, borne freely all over the plant from the base of each leaf stalk.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.

## LEMON PONDEROSA

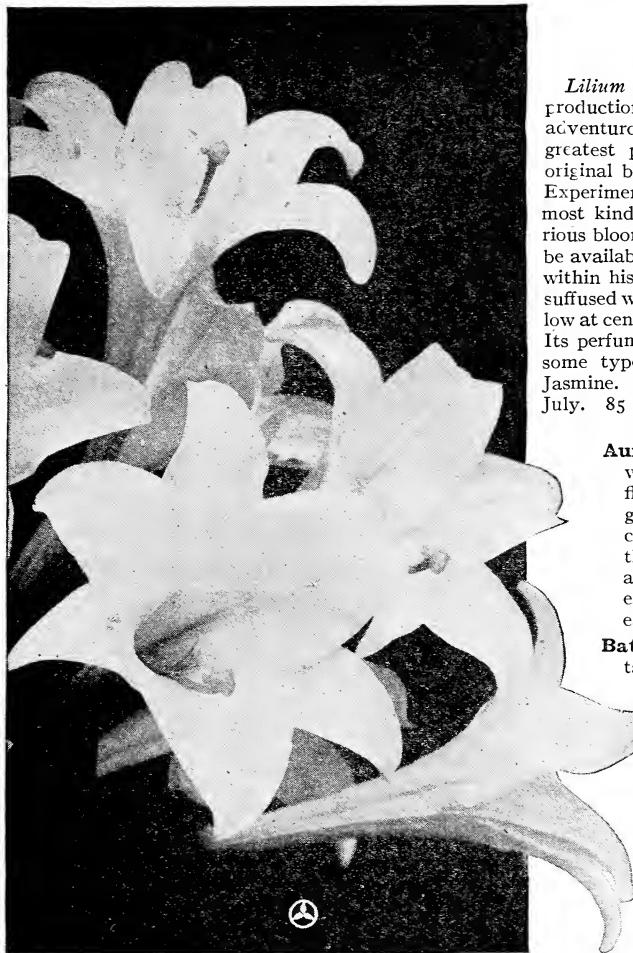


A fragrant breath of the South translated into Northern homes. The dark, glossy foliage winters well and is always verdant, the attractive flowers of pure white with yellow stamens are refreshing in their waxen beauty and subtle perfume, while their crowning glory is the fruit. Five or six times as large as the ordinary Lemon of commerce; of perfect shape and even ripening—Ponderosa represents the highest quality as a fruit, while the combination of flower, fragrance, fruit and tree-like growth, makes it one of the grandest and most satisfactory window and porch decorative plants in existence. By mail, 25 cts. each; \$2.50 per dozen. By express, 5 inch pots, 15 to 18 inches high, \$1.50.

## LILY OF THE VALLEY

The Lily of the Valley will thrive and throw up its beautiful, modest, fragrant white bells in any kind of soil. It will make a carpet of refreshing green, daintily patterned by its pervading flower sprays, in the shady and cold spaces otherwise lost to ornamentation around every house.

—Large Pips. 50 cts. per dozen; \$3.50 per 100; \$30.00 per 1000.



The New Regal Lily

**Henryi.** (Yellow Speciosum.) One of the finest hardy Lilies, of strong, vigorous growth, with flower stalks 3 to 5 feet long; deep apricot-yellow, lightly spotted brown. 50 cts. each; \$5.00 per dozen.

**Longiflorum Giganteum.** One of the most reliable and fragrant garden Lilies, bearing its snow-white trumpets during June and July, in great abundance. As a forer, it rivals the Bermuda Lily, showing greater substance, and lasting longer. 30 cts. each; \$3.00 per dozen.

**Speciosum Album.** Pure white with a green band traversing the center of each petal. 25 cts. each; \$2.50 per dozen.

**Speciosum Rubrum.** This is one of the joys of August; ruby spots informally distributed over a broad expanse of white. 25 cts. each; \$2.50 doz.

**Superbum.** Runs from 3 to 6 feet in height, its nodding crests adding to the general brilliance of July, with from five to forty handsome orange-red blooms. 25 cts. each; \$2.50 per dozen.

**Tigrinum Splendens.** The dear old single "Tiger Lily." 20 cts. each; \$2.00 per dozen.

**Tigrinum fl. pl.** (Double Tiger Lily.) Full, fluffy, double flowers; bright orange scarlet spotted black. 20 cts. each; \$2.00 per dozen.

**Umbellatum Grandiflorum.** Tall growing, upright, beautiful bell-shaped flowers of coppery orange, sometimes slightly spotted. 25 cts. each; \$2.50 per dozen.

## LILIES THE REGAL LILY

*Lilium Regale* or *Myriophyllum*. A novelty of rare production and wondrous beauty, achieved thru the adventurous research and resourcefulness of one of our greatest plant collectors, who recently brought the original bulbs from the wilds of Northwestern China. Experiments prove this new Lily to be hardier than most kinds; so it is reasonable to expect that the glorious bloom which forces so easily for Easter time, may be available to the amateur for its delightful unfolding within his own home. The flowers are white, slightly suffused with pink; with a beautiful glow of canary yellow at center, which continues part way up the trumpet. Its perfume is exquisite; not oppressively heavy like some types, but with the sweet refreshment of the Jasmine. In the garden, it should bloom early in July. 85 cts., each; \$9.00 per dozen.

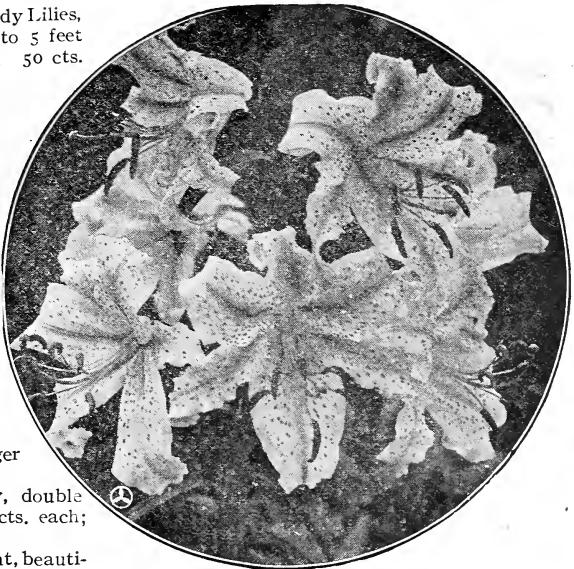
### GENERAL COLLECTION

**Auratum.** (Gold Banded Japan Lily.) This variety has ever been a great favorite. The flower heads are large, with broad petals gracefully recurved. White, thickly studded crimson-maroon, with a wide gold band down the center of each petal. Improves with age, and produces a vast amount of bloom. 35 cts. each; \$3.50 per dozen. Extra large, 50 cts. each; \$5.00 per dozen.

**Batemannii.** (Turk's Cap.) Grows 3 to 4 feet tall, with from five to ten flowers in July-August. Color reddish orange, stained apricot. 25 cts. each; \$2.50 per dozen.

**Elegans Mixed.** A thrifty, hardy and easily handled class which is quite liberal in production of 4 to 6 inch terminal flowers, on stems 1 1/2 feet high clothed full length with shiny, narrow leaves. The dominant color is orange red, but our mixture shows considerable variety as to shades and spotting. 25 cts. each; \$2.50 per dozen.

**Kramerii.** Beautiful trumpet shaped flowers, exceedingly fragrant; blush pink. 30 cts. each; \$3.00 per dozen.



Gold Banded Lily—Auratum

## MONTBRETIAS



This class of summer flowering plants is allied to the Gladioli, resembling them in form and habit and requiring much the same treatment. Bulbs should be set from three to six inches apart, preferably in groups of not less than a dozen, where they may be left permanently if well protected during winter. The varieties we offer average between 3 and 4 feet high. The star-shaped flowers are of good size, sparkling with life and color, and very abundant from July to October.

**Crocosmaeflora.** This variety is probably the most widely known. Two inch flowers colored orange crimson.

**Pottsi.** Not so tall, but more branching than others; bright yellow, tinged red.

**Prometheus.** Brilliant flowers over three inches wide; rich blood-orange with crimson center. 75 cts. per dozen; \$5.00 per 100.



## MADEIRA VINE

A beautiful rapid growing vine with dense foliage, fleshy, heart-shaped, light green. It is often spoken of as "Mignonette Vine" on account of the numerous feathery racemes of white flowers, which are pleasantly fragrant. Grows well anywhere, but succeeds best in sunny, well sheltered location. Ordinarily hardy North if well protected by litter during the winter. Strong tubers, 15 cts. each; \$1.50 per dozen.

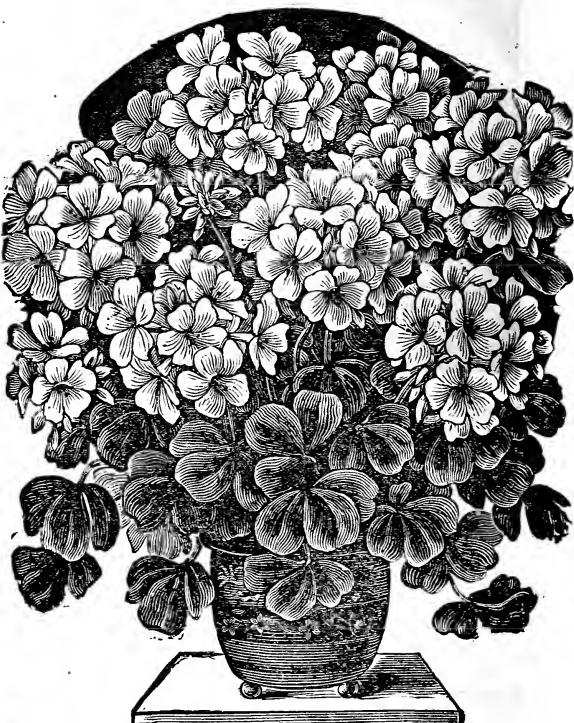
## MANETTIA VINE

A free and continuous bloomer, completely filled at all times with small tubular flowers of brilliant scarlet, shading into yellow at tips. Especially desirable for baskets, vases or small trellises. 20 cts. each; \$2.00 per dozen.

## OTAHEITE ORANGE

Firm, rounded, shiny, green foliage always attractive, the creamy white flowers are of charming form, usually in small groups, and exquisitely scented. A grand plant for winter culture; scarcely ever without some display of fragrant blossoms or fruit. Fruit about half the size of ordinary oranges. 25 cts. each. Fine plants from 5 inch pots, 12 to 15 inches high, by express, \$1.00.

## SUMMER FLOWERING OXALIS



These are very pleasing subjects for edging walks or flower beds, or even as solid beds by themselves. Planted about three inches apart, they form an unbroken row of clover-like foliage, covered from early summer and throughout the season with bright, pretty flowers. They are not hardy and should be taken into the house for wintering.

**Deppei.** 3 to 4 notched leaflets crossed by a purplish band; flowers pure white.

**Rosea.** Clover-like foliage thickly starred with small pink flowers.

20 cts. per dozen; \$1.50 per 100.

Palms are one of our  
Specialties

# PALMS

Height given means  
from top of pot



1—*Kentia Balmoreana*

2—*Areca Lutescens*

3—*Kentia Forsteriana*

Palms of some description are indispensable in all house decorating. Although the supply of large specimen Palms is very limited, we take pleasure in offering a fairly complete range of sizes, in first-class quality and kept down to as reasonable a price as possible. Watering the soil not oftener than three times, nor less than once a week, and sponging the leaves frequently with tepid water, will normally preserve health and discourage the accumulation of unsightly dust or marauding insects. Our list of varieties is a practical selection, only those types being used which can stand the hard usage to which house plants are normally subjected.

**Areca Lutescens.** Glossy green leaves gracefully arched on slender stems, the entire construction one of grace and beauty. By express: 5 inch pot plants, \$2.00 each.

**Cocos Wedelliana.** A dainty, thread-leaved little Palm showing a vast dissimilarity to the stately Kentias. The Cocos—which rarely exceeds ten to twelve inches in height—has a usefulness all its own. There is nothing better for the center piece to a table jardiniere, or fern dish of any kind. 25 cts. each; \$2.50 per dozen.

**Latania Borbonica.** (Fan Palm.) A beautiful Palm, with massive deeply divided, fan-shaped leaves. In the larger sizes, where the broad leaflets are united to make an almost solid base, this type is even more picturesque and tropical in expression than the narrower leaved Kentias.

By Express:

5 inch pots.....\$1.00

**Phoenix Roebelenii.** A very graceful, dainty Palms a light and feathery as a Cocos, but as hardy as a Kentia. Will be found the correct thing for small jardiniere or fernery. By express. 4-inch pot plant, 8 to 10 inches high, 75 cts. each.

**Kentia Balmoreana.** Gracefully arching stems of steely strength despite their slenderness. Each crowned with its fan-like canopy of richest green. The breaking forth of each new leaf is a ceremony; its slow advance to an equality with its fellows, a triumphal progress. Leaf by leaf, our pride and interest keep pace with its maturing beauty.

**Mail Sizes:**

2½ inch pot.....	25 cts.
3 inch pots, 10 inches high.....	50 cts.

**Larger Sizes by Express**

4 inch pots, 12 to 15 inches high.....	\$1.00
5 inch pots, 15 to 20 inches high.....	2.50

**Kentia Forsteriana.** Of the same type and qualities as Balmoreana, equally desirable; the main differences being this variety grows taller, and has somewhat broader, heavier leaves.

**Mail Sizes:**

2½ inch pot.....	25 cts.
3 inch pots, 10 inches high.....	50 cts.

**Larger Sizes by Express**

4 inch pots, 15 to 18 inches high.....	\$1.00
5 inch pots, 18 to 24 inches high.....	2.50

**Special.** Single specimens, unusually strong, well branched and hardened, all of good size for ready effect. These are better form than most "made-up" specimens.

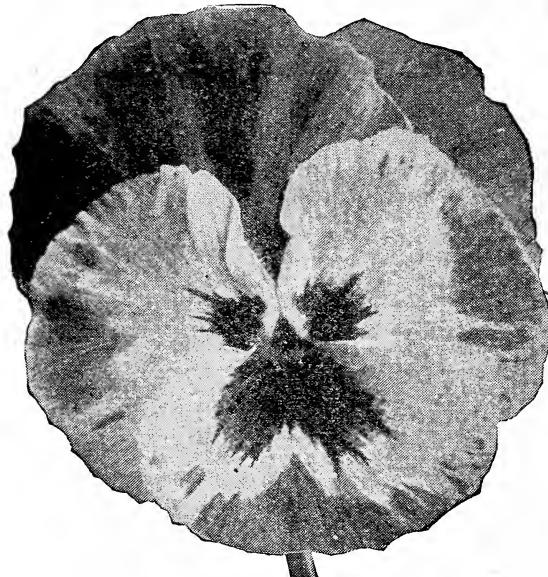
36 in. high,.....	\$7.50
42 in. high,.....	8.50

48 in. high,.....	10.50
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## PANDANUS VEITCHI

Graceful curved foliage, light green striped with broad bands of pure white. An attractive decorative plant that stands ordinary house culture well and is always fresh and bright in appearance. Large plants by express. From 4 inch pots, \$1.00; from 5 inch pots, \$1.50.

## PANSY PLANTS

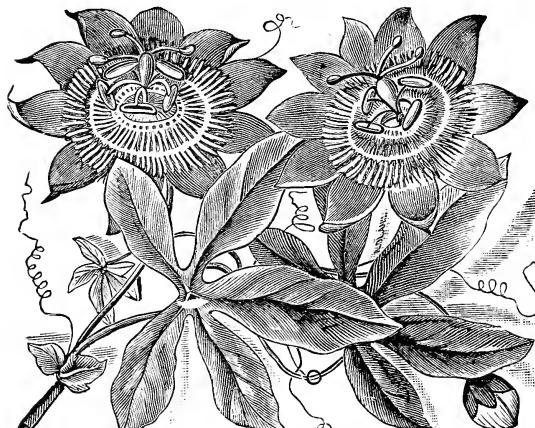


Superb Giant Pansy

Nice thrifty started plants propagated from our Superb Giant Pansy seed. Colors and markings are widely varied, and represent the largest flowered strain in cultivation. One often forgets to plant seed until the neighbors begin to fill their Pansy bowls, and George trips down the street with a fresh one in his buttonhole, every morning.

Get a hundred started plants—they are already in bloom and will keep your vases full all summer. Pansies will survive and bloom in waste spaces beneath the shading foliage of trees, or along the eastern foundation wall of the house; but like most other flowers, attain fullest perfection in sunlight and natural ventilation. Even if you do not need all the flowers for the house, they should be kept picked quite closely for continuance. 50 cts. per dozen; \$3.50 per 100. By express \$3.00 per 100; \$27.00 per 1000.

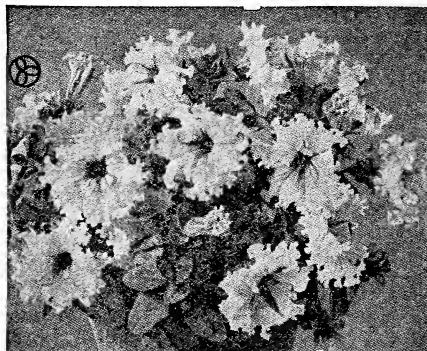
## PASSIFLORA (Passion Vine)



**Constance Elliot.** A rapid growing, climbing plant, well adapted for house culture in winter or for training over porches, etc., during summer. The flowers are pure white, excepting a very slight coloring at the base of the corolla. 25 cts. each; \$2.00 per dozen.

## PETUNIAS

## SINGLE FLOWERED



Single Giant Ruffled

**Giant Ruffled.** Flowers beautifully ruffled and fringed, colors rich and gorgeous, with deep throats of various shades. Fine single mixed.

**Rosy Morn.** Cf compact, bushy growth, fifteen inches in height, covered the entire season with one and one half inch flowers. Throat silvery-white, outer edge heavily shaded soft rose-pink.

15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.

## DOUBLE FLOWERED



We are listing by name, nine distinct varieties which are almost perfect balls of wrinkled petalage. They furnish an unlimited amount of bloom throughout the summer, fragrant and dainty and altogether delightful.

**Artus.** White, mottled and blotched purple.

**Barbara.** Reddish purple, edged and mottled white.

**Gertrude.** White, mottled soft rose.

**Harold.** White, with crimson purple blotches.

**Magnifica.** Very large, soft pink.

**Rosabel.** Beautiful rosy magenta.

**Snowball.** Finely fringed, pure white.

**Undine.** Medium purple, nearly solid.

**Venosa.** White with blue suffusion, purple veined.

15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.

# PELARGONIUMS

(Lady Washington Geraniums)

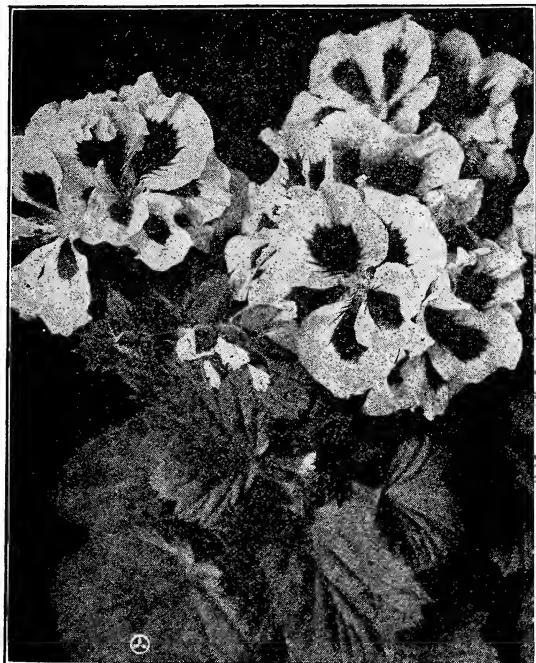
A valuable class of house and garden plants related to the Geraniums, resembling them closely in character, habit and treatment. Pelargoniums revel in hot sun light, withstanding temperature and glare that would shrivel other flowers. All they ask is plenty of water. They do not grow as dense or compact as Geraniums, consequently it is advisable to pinch back the long shoots once or twice prior to their blooming season in April, thus ensuring a nicely rounded, bushy shape.

**Dorothy.** Beautiful fringed variety. Flowers large; rosy salmon with dark maroon blotch on upper petals, richly shaded plum color around the throat. Its fringed and ruffled edge gives the flower a very bright and showy, yet delicate appearance. 30 cts. each; \$3.00 dozen

**Easter Greeting.** Flowers are large and free; bright amaranth red, each petal marked with a large black blotch. This variety is distinct from the rest—being, in fact, the original of a type;—remarkable on account of its long blooming season, not only producing its prime crop very early in spring, but ordinarily continuing throughout summer and fall. 30 cts. each; \$3.00 per dozen.

**Lucy Becker.** A bright pink sport of Easter Greeting, with large maroon blotches edged fiery crimson on all the petals; very free bloom.

**Madame Vibert.** Old, but scarce. A splendid flower with black maroon blotches bordered fiery red, the entire flower edged with rose. Growth and blooming qualities excellent. 30 cts. each.



Easter Greeting



Note the Beauty of the Foliage

**Mrs. Layal.** (The genuine "Pansy Geranium.") Dwarfer and smaller flowered than most kinds. Rounded, satiny, exquisitely marked and colored—this variety is truly Pansy flowered. Its colors range from a large crimsoned chocolate center through pink to white at the edges. Growth characterized by compactness and sturdiness; which, coupled with its extraordinary blooming capacity, makes it a leader for large bedding requirements. 20 cts. each; \$1.75 per dozen.

**Mrs. Robert Sandiford.** The flowers are three inches across, perfectly double and very free in bloom; the purest snow white.

**Peter Hoser.** Fiery brick red, with black blotches on each of the five petals; large flowers and clusters.

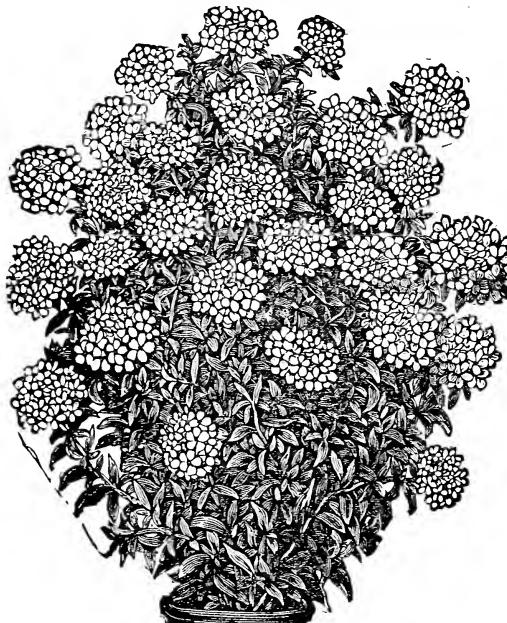
**Sandiford's Best.** A beautiful shade of pink, surrounded by a deep band of purest white, with a large white throat.

**Swabian Maid.** One of the latest derivations from Easter Greeting, enjoying the same advantages of size, sturdiness and freedom as its parent. Its color is a brilliant reddish carmine, strikingly set off by a large blotch almost jet black. This variety would be first to catch the eye in any collection.

**Wurtembergia.** A sport from Easter Greeting. Medium sized florets; bright carmine with large velvety sharply defined blotches. Equally valuable as bedder or pot plants.

Unless noted, 25 cts. each; 3 for 65 cts.: \$2.25 per dozen.

## PLUMBAGO



Excellent for bedding out in summer or growing in pots for single specimen plants. The plants are bushy in growth, with a dense supply of small leaves; at all times liberally brightened with flower trusses.

**Capensis.** Large trusses of delicate azure blue.  
**Capensis Alba.** Beautiful creamy white flowers.  
 3 inch pots, 50 cts. each; \$5.00 per dozen.  
 4 inch pots, \$1.00 each.

## PRIMULA (Primrose)

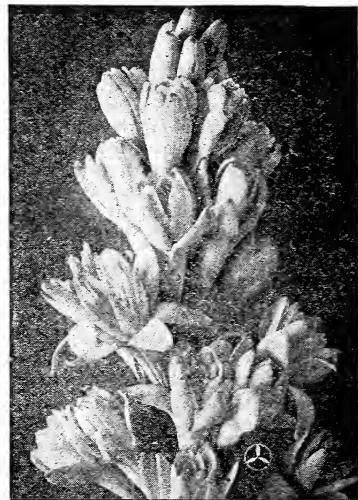


**Malacoides.** A vigorous type of the "Baby Primrose." Very useful for table decoration, and to furnish cut flowers for delicate bouquets. Blooms practically all the year with good sized trusses of dainty little rose lilac flowers. 20 cts. each; \$2.00 per dozen.

## TUBEROSE

## Excelsior Pearl.

Fall flowering bulbs whose popularity has never waned. Aside from the beauty of their long compact spikes of double flowers, their exquisite perfume affords one of the most positive delights in our late gardens. Double white dwarf. 8 cts. each; 75 cts. per dozen. By express, \$5.00 per 100.



## SANSEVIERIA ZEYLANICA

An ideal decorative plant; will stand more hardship and more abuse than any other house plant of which we know. Leaves thick and of leathery texture, not affected by gas, dust or heat. Grows to a length of three to four feet, and is beautifully striped crosswise of leaves with broad white variegations on a dark green ground. 25 cts.

## SALVIA (Scarlet Sage)

The showiest, cheapest and most practical red obtainable, for summer beds and borders.

## America.

Finest and showiest of all the *Salvias*; the earliest, freest and most continuous bloomer. Plants grow about 15 inches high, precisely uniform, richly green; above which blaze the immense, compact spikes of scarlet flowers to a maximum height of 2 feet. 20 cts. each; \$1.75 per dozen. By express, \$9.00 per 100.

**Splendens.** One of the finest of all bedding plants, being completely covered in Autumn with long spikes of dazzling scarlet flowers remaining in bloom until cut down by frost.

**Zurich.** Dwarf, early and compact; constantly in bloom even in the smallest pots.

**Splendens** and **Zurich** 15 cts.; \$1.25 per dozen. By express

\$7.00 per 100



Salvia Zurich

## SWAINSONIA

**Galegifolia Alba.** A very popular everblooming house plant, blooming in sprays of 10 to 20 flowers shaped much like Sweet Peas. Its pure white flowers are used extensively in cut-flower work. 25 cts. each; \$2.50 per dozen.

## TRADESCANTIA (Wandering Jew)

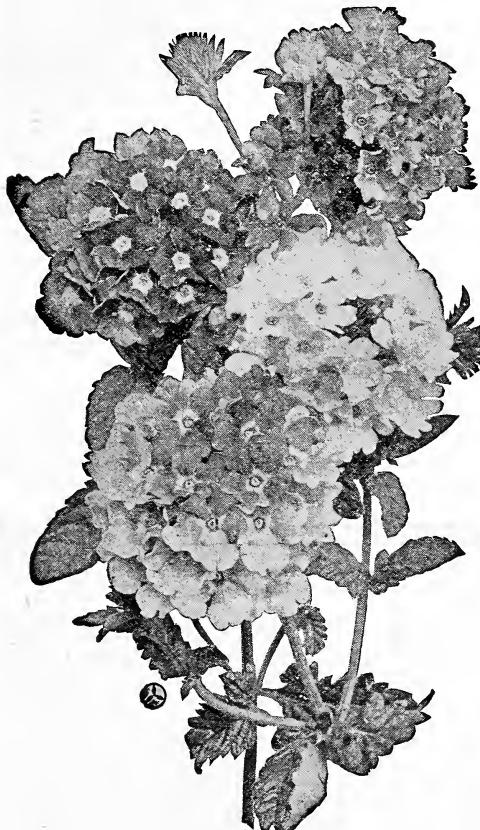
Beautiful trailing vines with thick, waxy, lance shaped foliage; very useful in baskets and window boxes.

**Striata.** Bright green, striped creamy yellow, with grayish green reverse.

**Cyanotis Multicolor.** Striped maroon and greenish white.

15 cts. each; \$1.25 per dozen.

## VERBENA PLANTS



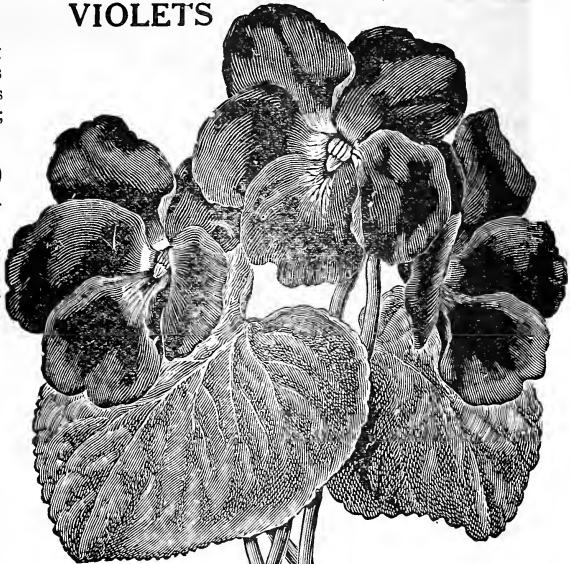
These are compact, showy flowering plants of considerable value for outlining beds, or as entire 15 to 18 inch high beds of solid or mixed colors. Beautiful, highly colored umbels borne very freely throughout the summer bedding season. Assorted colors in purple, scarlet, pink and white. 15 cts.; \$1.25 per dozen. By express, \$7.00 per 100.

## VINCA

**Major Variegata.** More of this used for baskets and vases than there is of any other two basket plants. Beautiful variegated green and white foliage; strong trailing habit of growth. 15 cts.; \$1.25 per dozen. 4-inch pot plants, 25 cts.; by express, \$2.50 per dozen.

**Periwinkle.** Everblooming bedding plants, flowers phlox shaped. In separate colors, rose or white. 15 cts.; \$1.50 per dozen.

## VIOLETS



### Princess of Wales

Of all delightful perfumes, that of the Sweet Violet is the most delicate and pleasing. If grown in the house for winter flowers, they should be kept at a low temperature; they will not bloom freely where it is too warm. If left in the open ground during the winter, protect with a covering of leaves.

**Lady Campbell.** Light purple, double flowers.

**Marie Louise.** Very fragrant, very free, large, bold, double, and in every way satisfactory. Its color is very dark purplish blue.

**Princess of Wales.** Broad Pansy-like flowers of a beautiful violet purple shade, with lighter center. A vigorous growing plant with clean healthy foliage and stiff long stems. One of the most beautiful and free flowering Violets.

**Swanly White.** Flowers large, double, pure white. About the only good white variety on the market.

20 cts. each; \$2.00 per dozen.



Water Hyacinth

## WATER HYACINTHS

**Pondeteria.** Very interesting and beautiful, floats on the surface of the water and produces fine spikes of light rosy lila c orchid - like flowers. 20 cts. each; \$2.00 per dozen.

## WATER LILY

**Nymphaea Odorata.** The well known white fragrant Pond Lily. 25 cts. each \$2.50 per dozen.



FOR many years The Storrs & Harrison Co. have been leaders in the production of hardy field grown Roses. Owing to circumstances over which we had no control, we come to you this spring with a lesser quantity than usual, and with fewer varieties,—especially in the Hybrid Perpetual class. You will note, however, an increase in the number of varieties offered in the Pot Grown section. Another year, our Rose production will undoubtedly be normal, or better; our lists are replete with the best of the older sorts, and with many of the novelties which have proven themselves worthy. You will favor us and benefit yourselves by placing your orders early, before stock in the more popular kinds is exhausted. Quality as usual.

We have carefully classified and arranged the varieties of Roses offered in this catalogue, making two general divisions of **Hardy Field Grown** sorts, and **Pot Grown** varieties. Special mention is made wherever certain sorts are offered in both divisions, by the use of a star (\*) with the varietal name.

### BUSH ROSES CUT BACK READY TO PLANT.

Yielding to the often expressed wishes of many patrons, who desire their Rose bushes cut back properly, all ready to plant, we are therefore (omitting the Climbers and Baby Ramblers, which need little pruning), furnishing **all Dormant Bush Roses to you, whether by mail or express, trimmed ready to plant.**

**Order Early.** To obtain the best results with spring planted Roses, they should be put into the ground as early in March as the temperature and condition of the soil will permit. Where rate is not prohibitive, we would advise ordering shipments by express; the plants will come to you more safely packed and in much livelier condition than if sent by mail or slow freight.

**Treatment on Arrival.** If upon arrival the roots seem to be very dry, soak them thoroughly in water; if the stems as well are too dry, bury the entire plant in the ground for two or three days. At no time after unpacking should the roots be exposed to the sun or dry winds; a very little neglect at this time working serious if not fatal injury to the bush.

**Planting.** In preparing a Rose Bed, select a sunny location guarded from cold north winds, if possible. Dig out the beds to a depth of two or three feet and about three feet in width; then refill the trench with a mixture of soil (any good fertile soil will do) and well rotted cow manure, making provision for good drainage if location is not naturally drained. Time should be allowed for this filling to settle, the final top surface being an inch or two below the edges of the bed. Do not raise the surface of Rose beds above the surrounding surface. They suffer less from drought when left level with the turf. Plant your Roses in the center, being very particular to press and tamp the soil firmly around the roots; and soaking the bed thoroughly at the finish. The Everbloomers may be set 18 inches apart, the Hybrid Perpetuals about 2 feet. After the plants have been set out, keep the soil loose to the depth of an inch or two, by frequent stirrings. An occasional soaking with weak manure water is a great help to Roses of all sorts, and is especially active during the blooming season. Towards the end of July, a mulch of long-strawed manure will aid in preserving what moisture is in the soil during the customary droughts of the "Dog Days."

**Protect for the Winter** by covering bed at least 6 inches with leaves or manure; a binding surface of dirt, cornstalks or boughs on top. A convenient method is to confine this dressing by an enclosure of 12 inch chicken wire.

**Pruning.** Roses are usually shipped with most of their wood, but it is a mistake on the part of many planters to put them in the ground untrimmed. The weak shoots are usually removed by us before sending stock out, so that what the customer gets is all ready to plant except cutting back. Hybrid Perpetual Roses should be cut back, every shoot, to about 6 to 8 inches above the crown or that part above the roots where the stem begins to branch. Teas and Hybrid Teas need not be cut back quite so hard; the Polyanthas not at all unless stems are too numerous. **Every Spring**, usually the fore part of March, just before the leaf buds begin to swell, these classes should be treated similarly and the winter covering gradually removed. The Rugosas are pruned merely to keep their growth within bounds and to remove dead wood; the Hardy Climbers are merely trimmed, and inasmuch as their bloom comes only on wood made the season before, the safest and most beneficial time for pruning is immediately after their blooming season and before they make new summer growth. **Suckers** from the Manetti stock should be cut off at once, and may be recognized by a difference in color and arrangement of seven leaves, instead of five, as in almost all varieties of Roses. Do not be afraid of the knife; the flowers will be larger and richer in color, and the bed more sightly.

**Capacity of Rose Beds.** Although in warm localities, where plant growth is luxuriant, a greater interval is necessary, 18 inches apart is generally accepted as the proper spacing. On this basis, beds 4½ feet wide will take three rows, and if six feet long will require a dozen plants. Or a dozen plants would occupy a 3-foot bed with two rows nine feet long. Delightful arrangements in odd shapes, and by combination of various classes, may be worked out according to the individual planter's fancy and ingenuity.



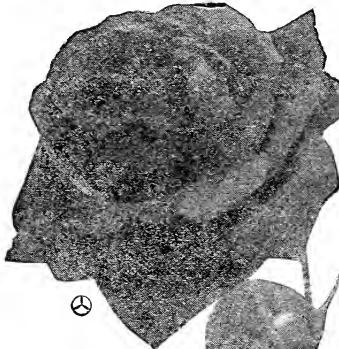
## INDEX AND PRICE LIST OF HARDY FIELD-GROWN ROSES

Below is a compact table of prices connected with every variety of Rose described on succeeding pages. Note separate columns and differing prices for those shipped by mail and for those by express. We would strongly advise express delivery to all patrons; larger stronger stock can be more safely packed and will carry through in better condition than if sent by mail.

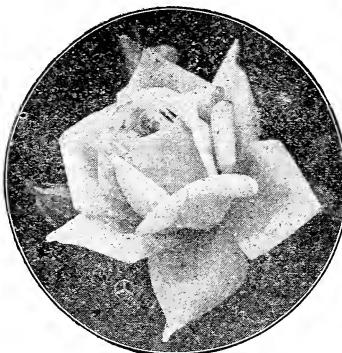
Abbreviations: "T" means Tea, an extensive class of tea scented everblooming roses; usually available only as hot-house or pot plants. "H. T." means Hybrid Tea, hybrids of Tea roses, generally harder, larger flowered and good for outdoor planting. "H. P." means Hybrid Perpetual, hardy field roses blooming normally but a short time, in June and July. "H. C." means Hardy Climber, hardy outdoor trellis roses, including the modern "Ramblers." "Poly." means Polyantha, usually small flowered cluster roses of dwarf growth and long blooming season (includes the so-called "Baby Ramblers"). "Per." means Pernetiana, hybrids derived from combining various classes by the celebrated M. Pernet. "R" means Rugosa, and "R. H." means its Hybrids, a valuable class of a shrubby nature for landscaping. "M." means Moss, of short season, but uniquely mossed on its flower stems. "W. H." means Wichuriana Hybrids, varieties of the Memorial or Creeping Roses. The "Wild" roses are cultivated plants of the native types.

\*Where a variety is also offered in the Pot Grown Division, its name is preceded by a star (\*).

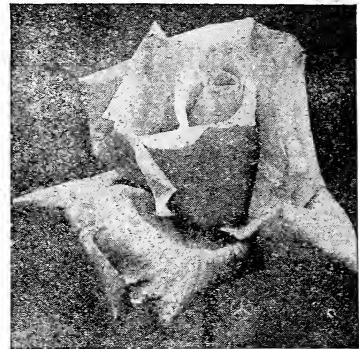
2-Year Field Grown Roses			MAIL		EXPRESS		2-Year Field Grown Roses			MAIL		EXPRESS	
VARIETIES	Page	Class	Each	10	Each	10	VARIETIES	Page	Class	Each	10	Each	10
American Beauty.....	98	H. T.	\$1.00	\$9.50	\$0.90	\$8.50	John Hopper.....	101	H. P.	\$0.90	\$8.50	\$0.85	\$8.00
*American Pillar.....	102	H. C.	.85	8.00	.80	7.50	Kaisserin A. Victoria.....	99	H. T.	.90	8.50	.85	8.00
Anna de Diesbach.....	101	H. P.	.90	8.50	.85	8.00	Killarney.....	99	H. T.	.90	8.50	.85	8.00
Arthur R. Goodwin.....	98	H. T.	1.00	9.50	.90	8.50	*Lady Alice Stanley.....	99	H. T.	1.00	9.50	.90	8.50
*Baby Rambler.....	104	Poly.	.85	8.00	.80	7.50	Lady Ashtown.....	99	H. T.	1.00	9.50	.90	8.50
*Baby Tausendschön.....	104	Poly.	1.00	9.50	.90	8.50	*Lady Hillingdon.....	99	T.	1.00	9.50	.90	8.50
Bessie Brown.....	98	H. T.	.90	8.50	.85	8.00	La France.....	99	H. T.	.90	8.50	.85	8.00
Betty.....	98	H. T.	1.00	9.50	.90	8.50	Laurent Carle.....	99	H. T.	.90	8.50	.85	8.00
Blanda.....	104	Wild.	.80	7.50	.75	7.00	Los Angeles.....	99	H. T.	1.25	11.50	1.15	10.50
Capt. Hayward.....	101	H. P.	.90	8.50	.85	8.00	Lucida.....	104	Wild.	.80	7.50	.75	7.00
Carolina.....	104	Wild.	.80	7.50	.75	7.00	Lyon Rose.....	100	Pern.	1.00	9.50	.90	8.50
Chas. F. Worth.....	105	R. H.	.90	8.50	.85	8.00	Mad. Abel Chatenay.....	99	H. T.	.90	8.50	.85	8.00
Chrissie MacKellar.....	98	H. T.	.90	8.50	.85	8.00	Mad. C. Testout.....	99	H. T.	.90	8.50	.85	8.00
Christine Wright.....	102	H. C.	.80	7.50	.75	7.00	Mad. Edouard Herriot.....	100	Pern.	1.00	9.50	.90	8.50
*Climbing Am. Beauty.....	102	H. C.	1.00	9.50	.90	8.50	Mad. Georges Bruant.....	105	R. H.	.90	8.50	.85	8.00
Clio.....	101	H. P.	.90	8.50	.85	8.00	*Mad. Leon Pain.....	99	H. T.	1.00	9.50	.90	8.50
*Clotilde Soupert.....	104	Poly.	.90	8.50	.85	8.00	Mad. Ravary.....	99	H. T.	.90	8.50	.85	8.00
*Columbia.....	98	H. T.	1.00	9.50	.90	8.50	Magna Charta.....	101	H. P.	.80	7.50	.75	7.00
Conrad Ferd. Meyer.....	105	R. H.	.90	8.50	.85	8.00	*Manda's Triumph.....	105	W.H.	.80	7.50	.75	7.00
Countess Clanwilliam.....	98	H. T.	1.00	9.50	.90	8.50	Mary-Cts. of Ilchester.....	100	H. T.	1.00	9.50	.90	8.50
Countess of Murinaias.....	100	M.	.90	8.50	.85	8.00	Miss Cynthia Forde.....	100	H. T.	1.00	9.50	.90	8.50
Crested.....	100	M.	1.00	9.50	.90	8.50	Mlle. Cecile Brunner.....	104	Poly.	.90	8.50	.85	8.00
*Crimson Rambler.....	102	H. C.	.90	8.50	.85	8.00	*Mrs. Aaron Ward.....	100	T.	1.00	9.50	.90	8.50
*Debutante.....	105	W.H.	.80	7.50	.75	7.00	Mrs. A. R. Waddell.....	100	H. T.	.90	8.50	.85	8.00
*Doctor Van Fleet.....	102	H. C.	1.00	9.50	.90	8.50	Mrs. C. W. Thompson.....	103	H. C.	.90	8.50	.85	8.00
*Dorothy Perkins.....	103	H. C.	.80	7.50	.75	7.00	Mrs. David McKee.....	100	H. T.	1.00	9.50	.90	8.50
Duchess of Wellington.....	98	H. T.	1.00	9.50	.90	8.50	Mrs. J. H. Laing.....	101	H. P.	.90	8.50	.85	8.00
*Ellen Poulsen.....	104	Poly.	.90	8.50	.85	8.00	Multiflora.....	104	Wild.	.80	7.50	.75	7.00
*Erna Tschendorf.....	104	Poly.	.85	8.00	.80	7.50	*Ophelia.....	100	H. T.	.90	8.50	.85	8.00
*Etoile de France.....	98	H. T.	.90	8.50	.85	8.00	*Orleans.....	104	Poly.	.80	7.50	.75	7.00
*Evergreen Gem.....	105	W.H.	.80	7.50	.75	7.00	*Paul Neyron.....	101	H. P.	.90	8.50	.85	8.00
*Excelsa.....	103	H. C.	.80	7.50	.75	7.00	Paul's Scarlet Climber.....	102	H. C.	1.25	11.50	1.15	10.50
Florence Forrestier.....	98	H. T.	1.00	9.50	.90	8.50	Persian Yellow.....	104	Aust.	.90	8.50	.85	8.00
Franz Deegan.....	98	T.	1.00	9.50	.90	8.50	Pharisaer.....	100	H. T.	.90	8.50	.85	8.00
*Frau Karl Druschki.....	101	H. P.	.90	8.50	.85	8.00	*Pink Roamer.....	105	W.H.	.80	7.50	.75	7.00
*Gen. Jacqueminot.....	101	H. P.	.90	8.50	.85	8.00	*Radiance.....	100	H. T.	.90	8.50	.85	8.00
Gen. MacArthur.....	98	H. T.	.90	8.50	.85	8.00	Rayon d'Or.....	100	Pern.	1.00	9.50	.90	8.50
Gen.-Superior A. Janssen.....	99	H. T.	.90	8.50	.85	8.00	*Red Radiance.....	100	H. T.	.90	8.50	.85	8.00
George Arends.....	101	H. P.	.90	8.50	.85	8.00	Rosa Rugosa Alba.....	105	R.	.90	8.50	.85	8.00
George Elger.....	104	Poly.	1.00	9.50	.90	8.50	Rosa Rugosa Rubra.....	105	R.	.80	7.50	.75	7.00
*Gorgeous.....	99	H. T.	1.00	9.50	.90	8.50	*Rosa Wichuriana.....	105	W.	.80	7.50	.75	7.00
*Gruss an Aachen.....	104	Poly.	.90	8.50	.85	8.00	Salet.....	100	M.	.90	8.50	.85	8.00
*Gruss an Teplitz.....	99	H. T.	.90	8.50	.85	8.00	Setigera.....	104	Wild.	.80	7.50	.75	7.00
Harrison Yellow.....	104	Aust.	.90	8.50	.85	8.00	Soleil d'Or.....	100	Pern.	1.00	9.50	.90	8.50
Harry Kirke.....	99	T.	1.25	11.50	1.15	10.50	*So. Orange Perfection.....	105	W.H.	.80	7.50	.75	7.00
Heinrich Munch.....	101	H. P.	1.00	9.50	.90	8.50	Sunburst.....	100	H. T.	1.00	9.50	.90	8.50
*Hiawatha.....	103	H. C.	.80	7.50	.75	7.00	*Sweetheart.....	105	W.H.	.80	7.50	.75	7.00
*Hoosier Beauty.....	99	H. T.	1.25	11.50	1.15	10.50	*Tausendschön.....	103	H. C.	.80	7.50	.75	7.00
Humilis.....	104	Wild.	.80	7.50	.75	7.00	TREE ROSES.....	105	Asst.	.....	.....	2.00	17.50
J. B. Clark.....	101	H. P.	.90	8.50	.85	8.00	*Universal Favorite.....	105	W.H.	.80	7.50	.75	7.00
*Jersey Beauty.....	105	W.H.	.80	7.50	.75	7.00	*White Dorothy.....	103	H. C.	.80	7.50	.75	7.00
*Jessie.....	104	Poly.	.80	7.50	.75	7.00	Willowmere.....	100	Pern.	1.25	11.50	1.15	10.50



Gen.-Sup. A. Janssen



Franz Deegan



Kaiserin A. Victoria

## TEA AND HYBRID TEA TWO YEAR FIELD GROWN ROSES

A careful selection of choice, well known and new Garden Roses which, although classed as hardy, should be given winter protection in the North. These types are popularly termed "Everblooming Roses." By this, no one expects them to bloom continuously, but as compared with the Hybrid Perpetuals and other classes, their blooming activities extend over the longest period. As Garden Roses, they usually commence in June, and are seldom without some show of flowers until Autumn frosts suspend the flow of sap. **Unless specially noted, varieties following are Hybrid Teas.** Price, unless noted.—by mail, \$1.00 each; \$0.50 per 10. By express, 90 cts. each; \$8.50 per 10.

\*\*Special prices are for express. See page 97 for mail price.

**American Beauty.** Probably the widest known and most prized cut flower among all American Roses. Deep pink approaching crimson, of exquisite form and fragrance, and large size.

**Arthur R. Goodwin.** Coppery orange red, buds passing to salmon-pink as they expand; flowers full medium to large.

**Bessie Brown.** White flushed with flesh pink. 85 cts.

**Betty.** A new Irish Rose, radiant with an unusual color, the "ruddy gold" tone of golden yellow over-spreading coppery rose.



Gruss an Teplitz

**Chrissie MacKellar.** Yellow madder overlaid with crimson-carmine, which results in a general effect of orange-pink as the semi-double flowers expand. Branching habit, and great blooming capacity. 85 cts.

**\*Columbia.** A beautiful, true pink; deepening tone, which is enduring. Its usual double petalage and substance make it a good summer Rose, while the great size, color and long (almost thornless) stems mark it as a superior cutting variety.

**Countess Clanwilliam.** Delicate peach pink, flamed and edged cherry-red.

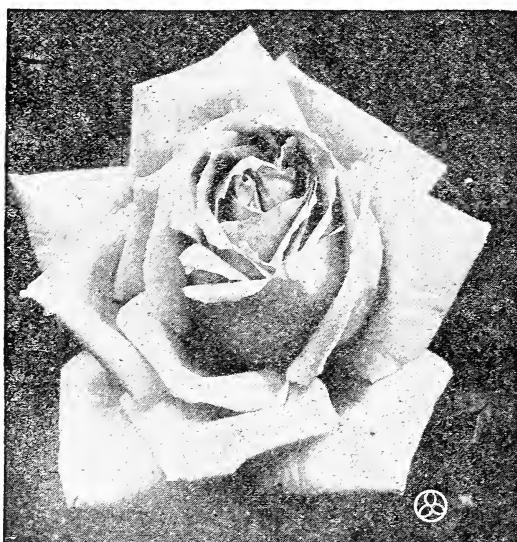
**Duchess of Wellington.** Intense saffron yellow. A fine, strong-featured Rose familiarly called the "Orange Killarney."

**\*Etoile de France.** Velvety garnet-red cup, with center of vivid cerise. Flowers very large and full, with marked imbrications. Fragrance and sturdy growth especially recommend it as a garden Rose. 85 cts.

**Florence Forrestier.** An ideal, bushy, free and continuous flowering bedder. Snow white with lemon tinge, opening to pure white; extremely large, high centered, perfect flowers.

**Franz Deegan.** A strong growing long caned yellow Rose, equally desirable for forcing or bedding. Fine large, double flowers, ranging from pronounced yellow to a delicate orange shade.

**General MacArthur.** Dazzling crimson scarlet exquisitely perfumed. One of the grandest red Roses ever offered, either for cutting or bedding. 85 cts.



Columbia



**TEA and H. T. ROSES—Continued**

**General-Superior A. Janssen.** Glowing, deep carmine-red; large, full, fragrant and continuous bloom coupled with vigorous and compact growth. 85 cts.

**\*Gorgeous.** Flowers very large, full and exquisitely formed, produced in endless profusion. Deep orange flushed copper-yellow, and heavily veined with reddish copper.

**\*Gruss an Teplitz.** Intense depth and richness of color; velvety crimson-red. One of the best dark garden Roses. 85 cts.

**Harry Kirke.** (Tea.) Very fragrant; elegant long buds and splendid flowers. Color deep sulphur yellow, lighter at the edges. \$1.15 each; \$10.50 per 10.

**\*Hoosier Beauty.** A large, full flower with well-shaped buds; color glowing crimson. Sweetly scented, a great favorite for cutting. \$1.15 each; \$10.50 per 10.

**Kaiserin Augusta Victoria.** A beautiful Rose, with elegant, large pointed buds and very large, full double flowers; color, delicate creamy white; deliciously fragrant. 85 cts.

**Killarney.** Queen of the Irish Roses, of exquisite form and fragrance. Bright carmine-pink, marbled in creamy white, with petals large and durable, the buds extremely long. 85 cts.

**\*Lady Alice Stanley.** Shell-shaped petals of deep coral rose outside, interior delicate flesh suffused pink. A persistent and free bloomer.

**Lady Ashtown.** Tender rose shading to yellow at base of petals with silvery pink reflex.

**\*Lady Hillingdon.** <sup>A</sup> splendid new yellow variety, giving quick response to forcing treatment and one of the most prolific cut flowers. Color deep apricot-yellow varying to orange.

**La France.** (Tea.) Delicate silvery rose, shaded with cerise pink, often silvery pink, with peach shading. An old favorite. 85 cts.

**Laurent Carle.** Brilliant, velvety carmine. Flowers very large, of perfect form and intense fragrance. 85 cts.

**“Los Angeles.”** Gloriously living up to its recent novelty introduction, which claimed this California product to be one of the grandest all-round Roses of American origin ever put on the market. The stems are long as American Beauty; the flowers are large as Paul Neyron; its freedom and continuance of bloom are remarkable; its color “a flame pink, toned with coral and shaded with translucent gold at the base of the petals.” \$1.15 each; \$10.50 per 10.

**Mad. Abel Chatenay.** A grand bedding Rose; flowers of good size, very double, with slightly recurved petals; color, rosy carmine, shaded salmon. 85 cts.

**Mad. Caroline Testout.** An old favorite always dependable, seldom out of bloom, ever beautiful. Light salmon-pink, edged silvery rose. 85 cts.

**\*Mad. Leon Pain.** Silvery salmon overlaid orange at center. A very good Garden Rose.

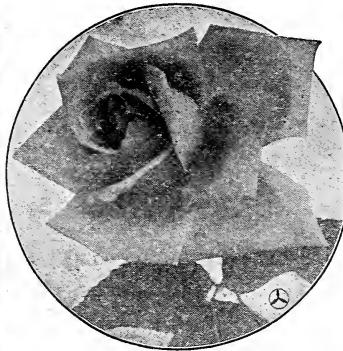
**Mad. Ravary.** One of the best of the yellow bedders; with long, slender buds and nicely double flowers. 85 cts.



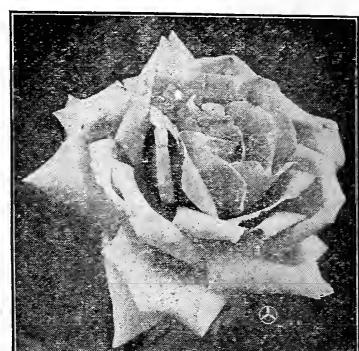
**Ophelia** (Page 100)



Lady Hillingdon



Radiance



Sunburst

### TEA and H. T. ROSES—Continued

**Mary, Countess of Ilchester.** Warm crimson-carmine flowers very large and sweet scented.

**Miss Cynthia Forde.** Very full flowers; deep rose pink, shading on back of petals to light pink.

\***Mrs. Aaron Ward.** Buds are deeply cupped, the open flowers delightfully attractive. Color, deep golden orange, shading outward to creamy yellow.

**Mrs. A. R. Waddell.** Very deep, rich apricot-yellow flowers, of large size and attractive form. 85 cts.

**Mrs. David McKee.** Flowers of large size, great substance and splendid form; color creamy yellow. Equally good for bedding or pot culture.

\***Ophelia.** One of the most beautiful and popular of recent cut-flower favorites; with perfect flowers of distinct form, lavishly produced, emitting the exquisite perfume of the Richmond type; white, shaded with salmon flesh and rose. There is a strong glow of yellow at base of petals, while the tight buds are almost as yellow as Mrs. Ward. 85 cts.

**Pharisaer.** Long, shapely buds opening out wide and full. The beauty of form and charming combination of salmon, rose and white in its flowers, entitle this fine variety to greater appreciation. 85 cts.

\***Radiance.** Extra hardy, vigorous and prolific; one of the best all-round Garden Roses. Its color is a beautiful blending of carmine-rose with shades of opal and copper. 85 cts.

\***Red Radiance.** The globular, heavy-stemmed "Radiance" duplicated in all respects except color; this sport form being a brilliant crimson. 85 cts.

**Sunburst.** Very select, with long spiral buds; a lovely bronzy yellow fading to apricot.

Unless noted, by mail, \$1.00 each; \$9.50 per 10. By express, 90 cts. each; \$8.50 per 10.

\*See Pot Grown Roses for other varieties.

### MOSS ROSES

A species of beautiful Roses distinguished by the moss-like covering of their buds. Vigorous, stocky growth, lustrous foliage and perfect hardiness make them valuable for out-door planting. The flowers are usually large and, although they bloom but once a year, retain their beauty exceptionally long.

**Countess of Murinais.** White, beautifully mossed.

**Crested.** Deep pink buds, surrounded by a mossy fringe and crest; exquisitely fragrant. 90 cts.

**Salet.** Light rose, large and full; good Autumn bloomer.

Unless noted, by mail, 90 cts. each; \$8.50 per 10. By express, 85 cts. each; \$3.00 per 10.

### PERNETIANA ROSES

These are all recent products of the great French Rose grower, M. Pernet. They are hardy garden subjects, characterized by ornamental tinted foliage; and striking, beautiful combinations of colors in the flowers, in which the rare and much prized yellow is predominant. Prices given are for express.

**Lyon Rose.** Large, well-formed flowers, showing a charming combination of salmon, shrimp pink, coral and chrome yellow.

**Mad. Edouard Herriot.** This is the latest and probably the best of Pernet's famous introductions. Its flowers are medium sized semi-double, well set amidst varnished bronze-green foliage. The color is a glorious commingling of terra cotta, bronze, Geranium red and dull copper; fine long, pointed buds of coral-red and yellow.

### Rayon d'Or.

Of medium growth and branched habit, little subjected to disease or insect attacks and fairly continuous in bloom throughout the season. Oval shaped buds tinged coppery orange and streaked with scarlet bars. Flowers large and full, of globular form; yellow cadmium as the bloom begins to open, toning to sunflower yellow when fully expanded.

**Soleil d'Or.** A cross between Persian Yellow and Antoine Ducher. It is a fine, hardy outdoor Rose, showing much the same character as the Hybrid Perpetuals. Especially valuable because of its rare color; gold and orange yellow, varying to ruddy gold suffused with Nasturtium red.

**Willowmere.** A robust garden Rose of bushy habit, with beautiful buds, very large flowers and lustrous green foliage. Color rich shrimp pink, shaded yellow at center and toning to cream pink towards base of petals. \$1.15 each; \$10.50 per 10.

Unless noted, by mail \$1.00 each; \$9.50 per 10. By express, 90 cts. each; \$8.50 per 10.

# HYBRID PERPETUAL ROSES

These are the "June Roses" so admirably suited for garden culture, the formation of Rose beds, hedges, etc. In June and July these lovely Roses are brilliant with large, perfumed flowers of richest colors, far exceeding the Everblooming class in size and vivid effects.

**Anna de Diesbach.** Brilliant rose color, very large and broad flowers.

**Capt. Hayward.** High built, large, full handsome flowers of carmine-crimson. Distinct.

**Clio.** Color, delicate satin blush, with a light shading of rosy pink at the center; very broad and full.

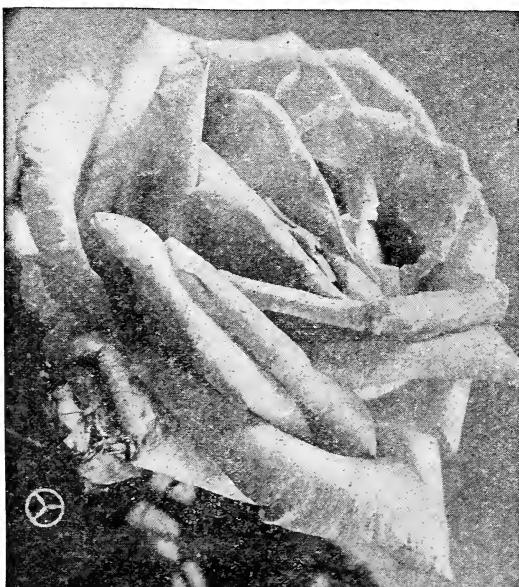
**\*Frau Karl Druschki.** The regal "White American Beauty." The distinctive form and expression of its bud, half opened state and maturity are a three-fold revelation of exquisite charm and beauty. In our gardens they commence blooming with the June Roses, are conspicuous throughout the summer with their large flowers of waxy paper white, and yield their last armful with the first snows of an early fall.

**\*Gen. Jacqueminot.**

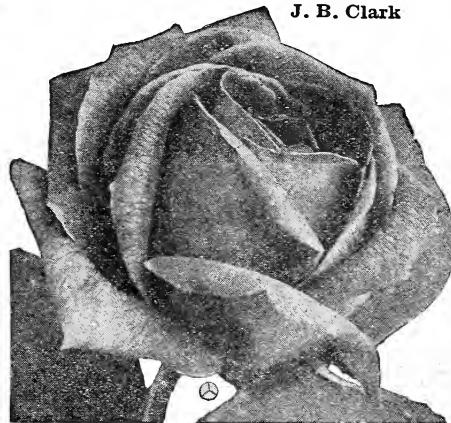
Familiarly known as "the Jacq. Rose" or "Gen. Jacq." This is one of the old, reliable reds as well and favorably known as any variety of its class; free blooming, rich crimson scarlet.

## Geo. Arends.

(Pink Druschki.) A magnificent new Rose of much the same shaped flower and plant character as the famous white Druschki; color a satiny tender rose. The large block of this in our fields last summer was one of the showiest and most profitable of the entire list.



Geo. Arends



J. B. Clark



## Heinrich Munch.

Very large, full and double flowers of soft pink, with petals which fold like La France. Of vigorous habit and equal aptitude for bedding, garden, cutting or forcing. 90 cts.

## J. B. Clark.

This splendid new Rose is placed by some cataloguers among the Hybrid Teas; but it is perfectly hardy, unusually large and expresses in every way the characteristics of the Remontant type. It is robust in growth, with clean, heavy foliage. Flowers are large and superbly constructed; deep scarlet overlaid crimson.

## John Hopper.

A beautiful dark pink. **Magna Charta.** Strong growing, early blooming with large flowers of bright rose-pink. Although this variety has but the one blooming season, its production is liberal and attractive; and is one of the most popular sorts selected for forcing. 75 cts.

**Mrs. J. H. Laing.** A favorite sort; satiny flowers of soft, clear pink, remarkably free and continuous. Has always been one of the "six best sellers," and generally accepted as the best of light pinks.

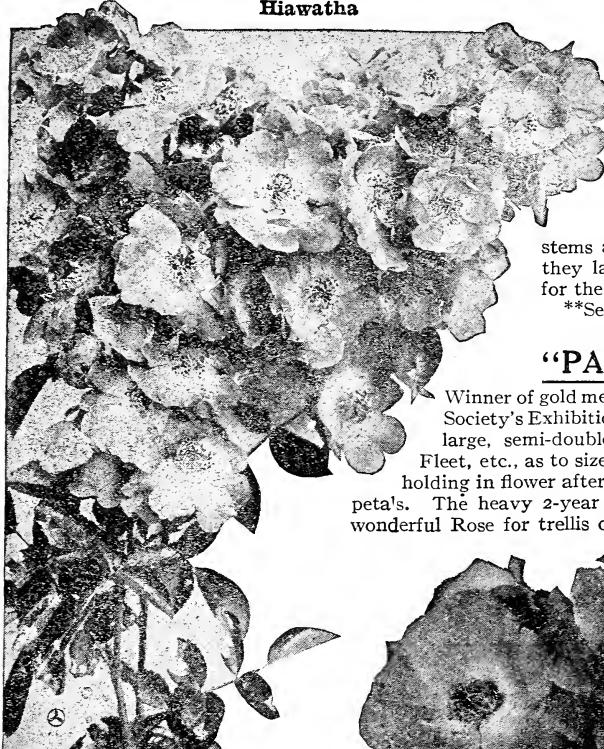
**\*Paul Neyron.** One of the finest hardy Roses ever grown. It blooms unceasingly from June to November, on long, smooth, thornless stems, furnishing a great quantity of uniformly shaped flowers 4 to 6 inches across. Color a bright ruddy pink. This sort is also a dependable fall bloomer, keeping pace with the lovely white Druschki during September and later.

**Unless noted, by mail, 90 cts. each; \$8.50 per 10. By express, 85 cts. each; \$8.00 per 10.**

Every Spring, generally the first part of March, before the leaf buds begin to swell, Hybrid Perpetual Roses should be cut back, every shoot, to about 6 to 8 inches above the crown, thereby keeping the bushes stocky, of uniform size and shape, and retaining no superfluous wood. The flowers will be larger and richer in color, and the bed more sightly.

# HARDY CLIMBING ROSES INCLUDING THE RAMBLER GROUP

Hiawatha



## \*Climbing American Beauty

This new climbing form of the famous pink Rose, so long the American favorite for cutting, is as lovely and fragrant and deeply pink as the bush form. The hardy climber blood with which it is crossed gives healthy, perfect foliage and a strong climbing habit of growth; the abundant bloom being in prime before the June show of the bush type. The demand for this variety has increased so rapidly, it is hard to keep up in its propagation. 90 cts.

**Christine Wright.** A charming new hardy climber which embodies the strong climbing qualities of the class; the shiny, leathery foliage and healthfulness of the Wichurianas; and the blooming size and freedom of its Testout blood. The flowers come solitary and in clusters, nearly double, 3 to 4 inches across, in a delightful wild-rose shade of pink.

**\*Crimson Rambler.** The famous crimson-clustered climber. For many years the supreme novelty among trellis roses, and the forerunner of the splendid array of "Ramblers" now embraced in this class. Makes shoots 8 to 10 feet long in a season. 85 cts.

**\*Doctor Van Fleet.** One of the newer type of climbers which combines absolute hardiness with flowers large as in the Tea and Noisette class. This variety shows a mass of beautiful clustered buds, which open out into large, shapely flowers; delicate flesh white. An admirable cutting variety with stems 12 to 18 inches long. 90 cts.



American Pillar



Your yard or garden may be too small to warrant the outlay of space sufficient to express your appreciation of Roses in bush form. But the hardy climbing types (which include those modern varieties called "Ramblers") need only a foothold; the long trails will twine and cling to any little trellis assistance and spread their charming flower clusters over yards of wall space, or will hang in brilliant festoons along the eaves of your porch roof. Until midsummer, the stems and foliage are beautiful merely as vines; what they lack in this respect thereafter, can be forgiven for the glory of the flowers they have borne.

\*See Page 97 for mail prices.

## NEW HARDY CLIMBER "PAUL'S SCARLET CLIMBER"

Winner of gold medal as best new climbing Rose, at National Rose Society's Exhibition. Flowers are brilliant scarlet, shaded crimson; large, semi-double. Corresponds with Cl. Am. Beauty, Dr. Van Fleet, etc., as to size, shape and habit. Blooms during a long period holding in flower after many of the June bloomers have dropped their petals. The heavy 2-year field grown plants we offer will demonstrate a wonderful Rose for trellis or pergola use. \$1.15 each; \$10.50 per ten.

## GENERAL COLLECTION

### \*American Pillar.

One of the most valuable and attractive of the Hardy Climbers, flowering profusely in large, compact clusters. The single flowers range from 2 to 5 inches in width. Brilliant carmine rose, with a slight cream variegation and yellow stamens at center. 80 cts.

**HARDY CLIMBERS**

—Continued

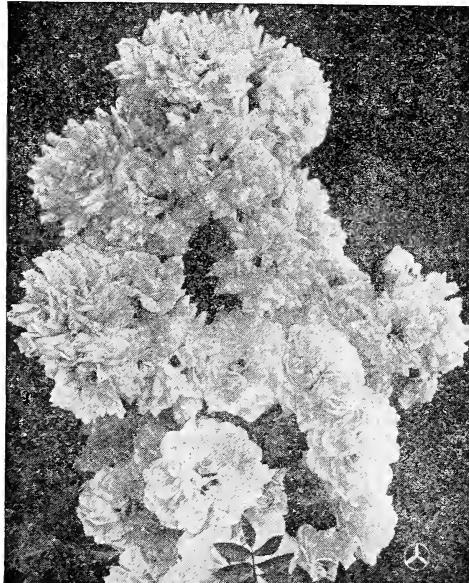
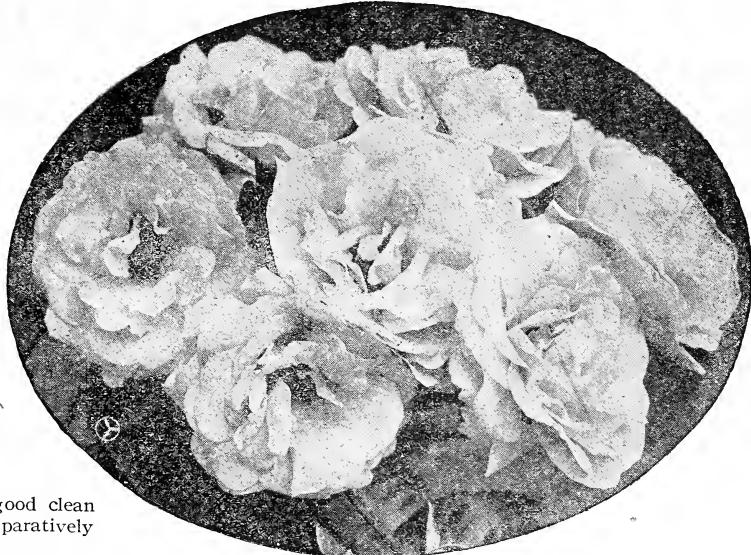
**\*Dorothy Perkins.**

A beautiful shell-pink; foliage finer, smoother and darker than Crimson Rambler. This is unquestionably the thriftiest, showiest, and most practical of the older pink climbers; and trails its riotous clusters over more verandas, windows and trellises than any other one variety.

**\*Excelsa.** (Red Dorothy Perkins.) A radiant, blood-red cluster Rose, as free and double as Dorothy Perkins, of which it is the red prototype. The clusters are very large. Excelsa out-grows most of the Rambler Roses, has notably good clean foliage, and proves to be comparatively immune from disease.

**\*Hiawatha.** Its small flowers, deep ruby crimson accentuated by a white eye, are uniquely borne in long trails of 40 to 50 blooms. Very popular for training on fences; not only as a covering for the fence, but because it is really one of the prettiest Roses of its kind.

**Mrs. C. W. Thompson.** Something new in hardy climbers, unlike anything heretofore offered. Not a rampant grower like D. Perkins, but full-leaved and substantial like the older Pillar Roses, with the shiny green foliage of the Wichuriana class. The individual flowers are unique in form; being perfectly quilled, full, small buttons, resembling nothing else so much in shape and deep pink color as a Pompon form of that unsurpassed old Dahlia A. D. Livonia. These blooms are lavishly produced in dense clusters throughout an unusually long season, and aside from their beauty in the field, are splendid subjects for table and other inside decoration. 85 cts.



White Dorothy

**"The Rose of a Thousand Beauties"**

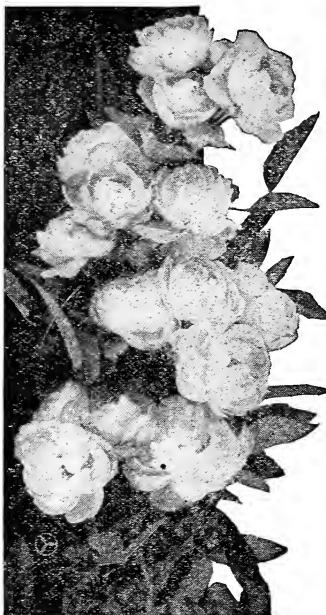
**\*Tausendschön.** ("Thousand Beauties.") A rapid growing, almost thornless climber, showing the blood of Rambler, Polyantha and Tea parentage. Its innumerable flower clusters make a pretty show in June and July; at first the soft pink of Clotilde Soupert, and later deepening to a bright carmine rose. Very vigorous, prolific climber, with plentiful and healthy foliage.

**\*White Dorothy.** A magnificent, pure white clustered Rose, with good strong virility and climbing habit, counterpart of the pink Dorothy Perkins. The vines are a sheet of white during their blooming period; probably the most satisfactory white hardy climber ever produced.

**Unless noted, by mail, 80 cts. each; \$7.50 per 10.  
By express, 75 cts. each; \$7.00 per 10.**

Mrs. C.W.  
Thompson

# HYBRID POLYANtha, FAIRY or BABY RAMBLER ROSES



Clotilde Soupert



Baby Tausendschön



Orleans

There is no class of Roses today more widely planted nor higher in general estimation. They are such splendid hardy, showy, compact bedders; they keep their color so well and continue in full bloom through such a remarkably long season, there is no end to the uses to which they may be put.

**\*Baby Rambler.** The original dwarf form of Crimson Rambler. The wonderful persistency of its bloom makes it one of the choicest plants in cultivation for summer bedding; and as an edging to borders of Shrubs, Roses or Perennials, it has no equal. 80 cts.

**\*Baby Tausendschön.** (Louise Welter.) Dwarf bushy growth; flowers large, semi-double, in pretty clusters; a prevailing flesh-pink color. Flower an exact counterpart of the beautiful climbing Rose Tausendschön. 90 cts.

**\*Clotilde Soupert.** Flowers large, fully double, numerous and deliciously sweet; beautiful creamy white merging into a center of clear bright pink.

**\*Ellen Poulsen.** (New.) A very free and vigorous type, with large, full and sweet scented clusters of dark pink.

**\*Erna Teschendorf.** The most vivid crimson of any Polyantha Rose, easily the best all-red Baby Rambler yet produced. One valuable quality in which it excels is that it never loses color. Flowers large, fully double, and borne profusely the entire season. 80 cts.

**Gruss an Aachen.** Unusually large double flowers in full clusters, a unique and very pretty combination of pink, red and orange.

**George Elger.** ("Yellow Baby Rambler.") One of the daintiest, prettiest, and most useful of all the Baby Roses. Its pointed buds are the richest yellow and open up into still yellow double flowers of exquisite form. The profusion and rare color of its bloom, coupled with its small, glossy, attractive foliage, qualify it as an ideal corsage bouquet. 90 cts.

**\*Jessie.** Richmond red, and does not fade; make superb pot plants and is a good bedder. 75 cts.

**Mlle. Cecile Brunner.** A delightful little fairy Rose, each pot or rounded bush blushing vividly with pink and cream, continuously. Has been otherwise named "Mignon" and "Sweetheart."

**\*Orleans.** Geranium red, with a distinct center of pure white. Remarkably free blooming and of unexcelled keeping qualities; a great favorite. Although the flowers of this charming variety are numerous, they are not crowded; each individual bloom standing out distinctly in pleasing arrangement. 75 cts.

Unless noted, by mail, 90 cts. each; \$8.50 per 10. By express, 85 cts. each; \$8.00 per 10.

## AUSTRIAN BRIAR ROSES

**Persian Yellow.** An old favorite; very early, fragrant, shrubby type for the yard. Deep golden yellow.

**Harrison's Yellow.** Bright yellow; early flowering and always dependable.

By mail, 90 cts. each; \$8.50 per 10.

By express, 85 cts. each; \$8.00 per 10.

## NATIVE or "WILD" ROSES

Universally admired for their distinct, unforgettable fragrance, for the extravagant profusion of their pretty single flowers, and for the large, bright-colored berries which cling far into winter. Utilized for planting among shrubs, and to reclaim and cover waste ground.

**Blanda.** (Meadow Rose.) Slender, reddish purple branches almost thornless, with pale green, oval foliage. Bright rose, May-flowers.

**Carolina.** (Swamp Rose.) Hardy in either wet or dry soil. Shrubby growth, pretty pink flowers.

**Humilis.** (Pasture Rose.) Ground cover; pink.

**Lucida.** The familiar red fruited "Wild Rose."

**Multiflora.** Strong growing, with long arching canes almost covered with white clusters in June.

**Setigera.** Useful for massing in picturesque hillside brambles; as borders to wildwood drives; as filling for corners; with shrubs, and as single specimens. Large single flowers, bright rose red.

By mail, 80 cts. each; \$7.50 per 10.

By express, 75 cts. each; \$7.00 per 10.

## JAPANESE TRAILING ROSES

The evergreen, lustrous, dense and healthy foliage of this species make them indispensable for ground covering and shallow bedding. They bloom profusely during a long season and brighten the early winter months with conspicuous fruits and still green foliage. Although trailing in tendency, every variety yields readily to upright training.

**\*Rosa Wichuriana.** (Memorial Rose.) Handsome for covering rockeries, mounds or embankments; especially valuable for evergreen cemetery planting. The pure white single flowers appear in greatest profusion during the month of July.

### HYBRID WICHURIANA

**\*Debutante.** Blooms freely under all conditions, presenting a fine show of pure white clusters.

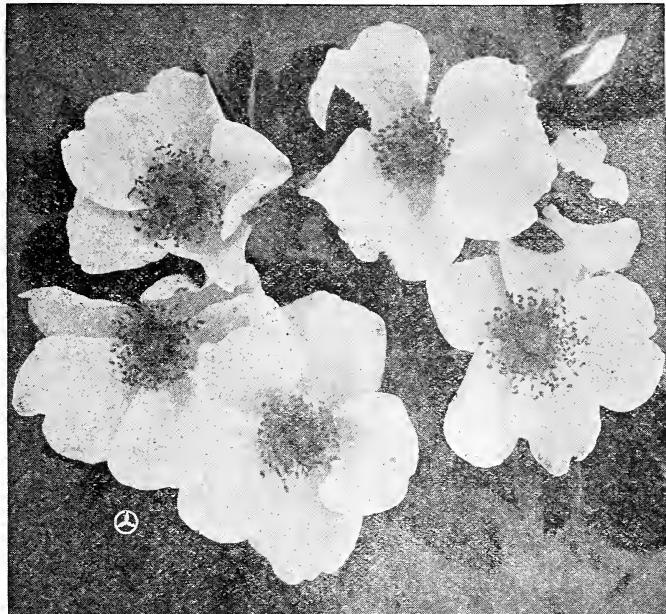
**\*Evergreen Gem.** Phenomenal vigor, growing even during the milder periods of winter; numerous, creamy white flowers.

**\*Jersey Beauty.** Fragrant single flowers, in clusters. Pale yellow, with conspicuous tufts of bright yellow stamens.

**\*Manda's Triumph.** The flowers are pure white and very double, produced in clusters of from 10 to 12 each, literally covering the plant.

**\*Pink Roamer.** Large, single, in striking clusters; pink, with white center. One of the prettiest.

**\*South Orange Perfection.** Double flowers, about 1½ inches in diameter. Soft blush pink at the tips, white.



Rosa Wichuriana (Memorial Rose)

**\*Sweetheart.** Rosy pink, produced freely and continuing in bloom a long period of time.

**\*Universal Favorite.** A vigorous grower; flowers double, of a beautiful rose color; very fragrant.

By mail, 80 cts. each; \$7.50 per 10.

By express, 75 cts. each; \$7.00 per 10.

## ROSA RUGOSA and its Hybrids

A valuable, perfectly hardy type much used in landscape work; the heavy wood and shrubby formation adapting it to hedges and hardy borders, or to mixed shrubbery groups. The foliage is lustrous, dark green, usually corrugated, and is impervious to attacks of insect pests. Flowers are borne in clusters of varying size and construction, and are succeeded by persistent fruits which carry their usefulness into winter.

**Rosa Rugosa Rubra.** Single flowers, rosy crimson; orange-scarlet fruits. 75 cts. each; \$7.00 per 10.

**Rosa Rugosa Alba.** Single white.

**Chas. Fred'k Worth.** Attractive, deep green foliage, denser and darker than the other Hybrids; flowers deep crimson with carmine shadings; fairly double.

**Conrad Ferd. Meyer.** An early flowering Hybrid combining the ornamental qualities of its Rugosa foliage with the blossom beauty and perfume of the Hybrid Perpetuals. Flowers large, cup-shaped and double; of a delicate silvery pink.

**Mad. Georges Bruant.** Semi-double pure white produced freely in showy clusters.

Unless noted, by mail, 90 cts. each; \$8.50 per 10. By express, 85 cts. each; \$8.00 per 10.

## TREE or STANDARD ROSES

After temporary suspension in the furnishing of Standard Roses, we are pleased to announce that we have a limited supply of well grown trees available for this spring's delivery. We presume most of our patrons understand that Tree Roses consist of a single upright stem top-grafted to some reliable variety. This reveals all the foliage and all the bloom in a rounded clump at the top. They are very useful as borders to walks in a formal garden, or in any location where the show of bloom is desired at an elevation of from 3 to 5 feet. We offer them in Pink, White, Red, and Yellow,—all free blooming varieties.

By express, \$2.00 each; \$17.50 per 10.



Crimson  
Rambler  
Tree Rose



# POT-GROWN ROSES



All of the hardier sorts, of which the larger part of stock has been raised in the open ground, will be found separately listed under a preceding section devoted to "Field Grown Roses." Wherever duplicated under this heading, the variety in each list is preceded by a (#) star.

**CULTURE OF ROSES IN POTS.** For house culture the various types of Everblooming Roses will give a succession of bloom if treated in the following manner: Drain the pots well with broken bits of crock; mix one part of well-rotted cow manure with two parts of light, friable soil, and press firmly about the roots in potting. Keep well watered during the summer, more scantily in fall and winter. Pinch off all flower-buds until winter, and then give all the sunlight possible. Keep your plants clean and growing. About 60 degrees is the best temperature for window or general indoor culture.

## EVERBLOOMING ROSES

Offered in 2 year stock from 4 inch pots, and in 1 year from 2½ inch pots. Price per dozen is 10 X single rate in each case. No distinction between mail and express price.



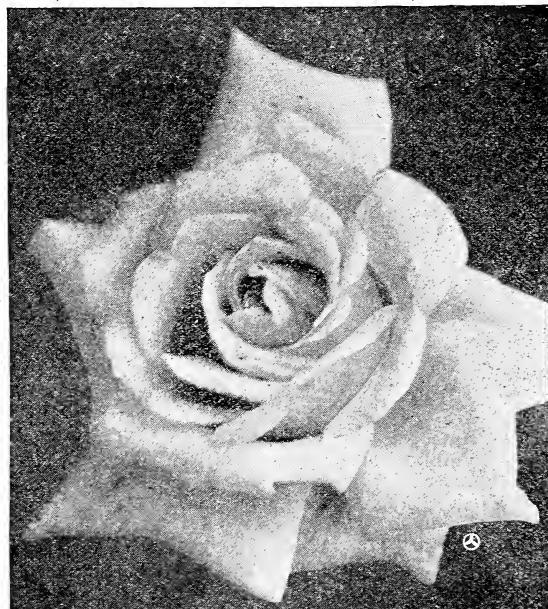
Frau Karl Druschki

TEA,  
HYBRID  
TEA  
AND  
HYBRID  
PERPETUAL

	2½ in.	4 in.
<b>Blumenschmidt.</b> Pure citron yellow edged tender rose on outer petals....	\$0.20	\$0.50
<b>*Columbia.</b> A beautiful, true pink; deepening as it matures to a warm, glowing tone, which is enduring.....	.25	.60
<b>Crimson Queen.</b> Crimson scarlet....	.20	.50
<b>Crusader.</b> (H. T.). This new introduction breathes character, stability and boldness in every line. Its growth is sturdy, its canes erect, its foliage heavy; while the splendid crop of flowers is arresting in its bigness, and the velvety richness of its crimson color.....		
<b>Dora Hanson.</b> A fine, bright pink....	.35	.....
<b>*Etoile de France.</b> Garnet red and cerise.....	.25	.60
<b>Edward Mawley.</b> Velvety crimson....	.20	.50
<b>*Frau Karl Druschki.</b> (H. P.) Mammoth flowers of distinct and beautiful form; pure, waxy white.....	.20	.....
<b>Frau Melanie Niedeck.</b> Strong growing variety carrying large, full flowers of lemon yellow, on strong, straight stems; produced all season.....	.25	.....
<b>*Gen. Jacqueminot.</b> The old reliable dark red H. P.....	.20	.....
<b>*Gorgeous.</b> Flowers very large, full and exquisitely formed, produced in endless profusion. Deep orange flushed copper-yellow, heavily veined with reddish copper.....	.25	.60
<b>*Gruss an Teplitz.</b> Intense depth and richness of color; velvety crimson red.....	.20	.50
<b>*Hoosier Beauty.</b> Velvety crimson scarlet.....	.30	.70
<b>Jonkheer J. L. Mock.</b> Bright pink, faced carmine. Grand new bedder....	.25	.75
<b>*Lady Hillingdon.</b> A deep shade of yellow which does not easily fade....	.20	.60
<b>*Lady Alice Stanley.</b> Delicate shell pink.....	.25	.75
<b>Mad. Francesca Krueger.</b> Large flowers of coppery yellow.....	.20	.50

**Madame Butterfly.** (Tea) 2½ in. 4 in.

countless admirers of Ophelia will appreciate this new variety, its offspring. All the color tones of Ophelia are intensified; making it a symphony of bright pink, apricot and gold. As between the two, Madame Butterfly is fuller-petaled, more prolific, and of greater color appeal. The buds are a rich Indian red, yellow at base.....	\$0.35	.....
<b>*Mad. Leon Pain.</b> Silvery salmon overlaid orange at center.....	.35	\$0.75
<b>Mad. Segond-Weber.</b> Warm, deep pink.....	.25	.60
<b>Mamam Cochet.</b> Rose pink.....	.20	.50
<b>Marechal Neil.</b> The grand old yellow Climbing Rose.....	.20	.50
<b>Marshal P. Wilder.</b> (H. P.). Bright cherry red.....	.25	.....
<b>*Mrs. Aaron Ward.</b> Small dainty flowers; golden orange, shading to cream.....	.25	.60
<b>Mrs. Amy Hammond.</b> Amber and apricot, with a blend of ivory; free and constant.....	.35	.....
<b>Mrs. Arthur E. Coxhead.</b> Long, pointed buds; flowers very sweet scented. Claret red tipped vermilion, rosy center; distinct effect of illumination.....	.30	.75



Premiere (See Page 107)

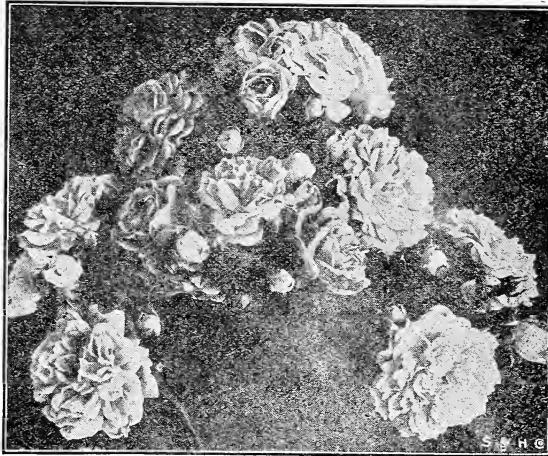
## TEA, H. T. and H. P. ROSES—Continued

	2½ in.	4 in.
<b>Mrs. MacKellar.</b> Deep, solid citron to delicate canary yellow. Free and continuous.....	\$0.30	\$0.60
<b>Mrs. B. R. Cant.</b> Salmon rose.....	.20	.50
<b>My Maryland.</b> A popular lively pink.....	.20	.....
<b>*Ophelia.</b> One of the finest recent introductions for cut flower use; salmon-flesh shaded with rose.....	.25	.60
<b>*Paul Neyron.</b> (H. P.). Ruddy rose pink.....	.20	.....
<b>Premiere.</b> A seedling of Ophelia and Russell, favoring the latter in style, and holding a clear, rich shade of rose-pink throughout the season. A splendid forcing variety with stiff, almost thornless stems.....	.25	.60
<b>*Radiance.</b> A beautiful blending of carmine rose with opal and copper shades.....	.20	.50
<b>*Red Radiance.</b> Same form and habit, deep carmine.....	.20	.50
<b>Tipperary.</b> Clear yellow of charming tone and gloss. Buds pointed; small rosette flowers in great abundance, on longer stems than most corsage Roses. Makes a particularly dainty pot plant.....	.20	.50
<b>White Mamam Cochet.</b> .....	.20	.....
<b>Winnie Davis.</b> Soft pink tinged yellow.....	.25	.60
<b>White Ophelia.</b> (New.) Its stiff outer calyx holds up the characteristic beautiful bud form of its parent an unusually long time; with no other color but glistening white between the central pink flush of its first day, and the golden gleam of its stamens at full maturity.....	.30	.....

## HARDY CLIMBING ROSES

## For Pillars and Trellises

	2½ in.	4 in.
<b>*American Pillar.</b> Large single flowers carmine-rose, with cream and yellow center.....	\$0.25	\$0.60
<b>Baltimore Belle.</b> Double blush white.....	.20	.....
<b>*Climbing American Beauty.</b>	.....	.....
Hardy Hybrid Tea; magnificent pink climber.....	.20	.50
<b>Climbing Orleans.</b> The same sparkling clusters and bright red color as in the dwarf Orleans, strung along a vigorous expanse of branching canes.....	.25	.60
<b>*Crimson Rambler.</b> .....	.20	.50
<b>*Dr. Van Fleet.</b> Delicate flesh white; flowers large in fine cutting clusters.....	.30	.60
<b>Dorothy Perkins.</b> Dense clusters of double pink flowers, fluted petals.....	.20	.....
<b>Empress of China</b> Red, shaded cherry pink.....	.20	.....
<b>Excelsa.</b> Blood red; strong climber.....	.20	.....
<b>Flower of Fairfield.</b> The "Everblooming Crimson Rambler"; dark flowers, free, continuous.....	.25	.60
<b>Gold Finch.</b> Buds rich lemon yellow, open flowers a trifle lighter.....	.20	.50
<b>Hiawatha.</b> Deep ruby crimson, with white eye; small flowers, big clusters.....	.25	.....
<b>Lady Gay.</b> Cherry-pink and white.....	.20	.....
<b>*Mrs. C. W. Thompson.</b> Pure white very double pompon.....	.30	.60
<b>Rosiere.</b> Deep glowing pink.....	.25	.60
<b>Seven Sisters.</b> Crimson and white.....	.20	.....
<b>Silver Moon.</b> Four to five inch semi-double flowers; pure white with thick clusters of yellow stamens.....	.25	.60
<b>*Tausendschön.</b> Soft pink and carmine intermingled with white.....	.25	.60
<b>Tennessee Belle.</b> Bright rose.....	.20	.....
<b>*White Dorothy.</b> Best white climber	.20	.....



Dorothy Perkins

HYBRID POLYANTHA ROSES  
or "BABY RAMBLER" GROUP

	2½ in.	4 in.
<b>Baby Doll</b> or "Tip Top." Golden yellow, tipped cerise. A wonderful little bouquet Rose.....	\$0.25	\$0.60
<b>*Baby Tausendschön.</b> White and pale pink.....	.25	.....
<b>*Baby Rambler.</b> Brilliant crimson clusters.....	.20	.50
<b>*Clotilde Souperf.</b> Creamy white and pink.....	.20	.50
<b>*Ellen Poulsen.</b> A very free and vigorous type, with large, full sweet scented clusters of dark pink.....	.20	.50
<b>*Erna Teschendorf.</b> Very dark, rich crimson; long season and does not fade.....	.20	.50
<b>Grete Kluis.</b> One of the prettiest newer sorts; deep carmine pink.....	.30	.60
<b>Grete Schreiber.</b> An improved Baby Tausendschön, showing a more vigorous growth and a greater depth of color.....	.25	.....
<b>*Gruss an Aachen.</b> Reddish orange effect; an attractive novelty.....	.25	.60
<b>*Jessie.</b> Richmond red; a reliable sort.....	.20	.50
<b>*Orleans.</b> Flowers are strikingly handsome; a warm Geranium red with center of pure white.....	.20	.50
<b>White Beauty.</b> A wonderfully free and dainty variety expressing all the characteristics of Souperf, but is snow white.....	.20	.50

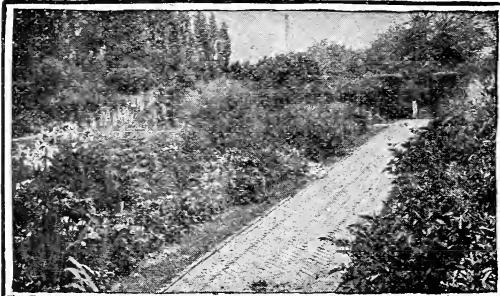
WICHURIANA and its HYBRIDS  
Trailing, Ground Covering, etc.

	2½ in.	4 in.
<b>*Rosa Wichuriana.</b> (Memorial Rose.) Single white flowers, lustrous foliage	\$0.20	.....
<b>*Debutante.</b> Profuse white clusters.....	.20	.....
<b>*Evergreen Gem.</b> Dense, bronzy green foliage; double flowers creamy white. A fine ground cover.....	.20	.....
<b>*Jersey Beauty.</b> Fragrant single flowers in clusters, with prominent tufts of yellow stamens.....	.20	.....
<b>*Manda's Triumph.</b> Double; pure white in large numerous clusters.....	.20	.....
<b>*Pink Roamer.</b> One of the prettiest; large single flowers in open clusters; bright pink with light center.....	.20	.....
<b>*South Orange Perfection.</b> Perfectly formed double flowers; soft pink at tips, changing to white.....	.20	.....
<b>*Sweetheart.</b> Rosy pink; free and continuous.....	.20	.....
<b>*Universal Favorite.</b> Double, very fragrant; a beautiful rose-pink.....	.20	.....

# HARDY PERENNIAL PLANTS

## FOR PERMANENT PLANTING IN BORDERS OR BEDS

### THE OLD FASHIONED HARDY GARDEN



**Why.** Perennials are planted, essentially, for their yield of flowers. With the right selection of classes and varieties, our garden plots may be kept bright and cheery with bloom from before the first robin's song in spring, until Nature herself gives up the gracious task in early winter.

**When.** These roots may be planted as early in spring as the ground is pliable (or in the autumn); selecting an opportunity when the soil is not cold, wet or soggy. Large clumps are not necessary nor often desirable; the smaller divisions or pot grown stock showing more thrift and virility, and developing into shapelier plants than the bulkier old roots.

**Where.** Proper location and intelligent distribution are important items and should receive serious consideration. Any good soil sensibly enriched with rotted manure, bone meal or sheep manure as available, dug deep and thoroughly mixed, will be satisfactory.

Various coarse-leaved, tall growing sorts, such as Anchusas, Boltonias, Cassia, Hollyhocks, Golden Glow, Mallows, Sunflowers, etc., should of course be located in the background. The front of the border should be laid out in the dwarfest growing kinds, such as Achillea, Columbines, Shasta Daisies, Euphorbias, Gaillardia, Heuchera, Hypericum, Dwarf Lychnis, Forget-me-nots, Plumbago, Iceland Poppies, Sedums, etc. Intermediate rows will take care of the great majority of perennials; the principal requirement in

their location being to so dispose that colors will not clash, nor be unequally distributed. The matter of variation in blooming season should also affect location, in order to have no material section of the garden without some show of color at any time of the year. Thoughtful study of succeeding pages with these matters in view, will pay its own reward.

**How.** SPACING. In planting perennials, it is generally safe to space those varieties which do not grow above two feet, about 12 inches apart; the taller ones at an interval one-half the ultimate height. Crowded or stingy planting are equally disastrous to healthy growth and perfect effect.

**CULTIVATION.** Don't let up with the hoe! Keep the ground well cultivated, leveled and free from litter; except during protracted drought, a light mulch of short grass (sweepings from the lawn) will help retain moisture and keep the soil from baking.

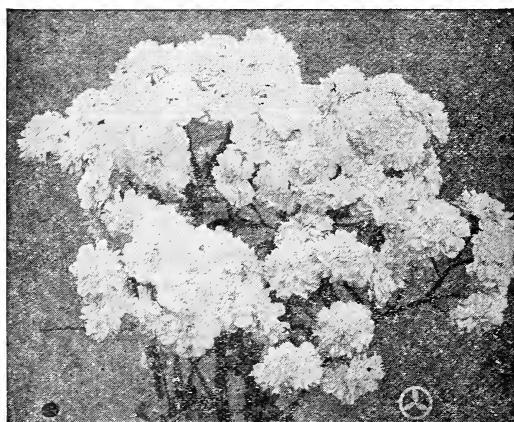
**TRAINING.** Judicious "staking" at an early date will adjust many later defects of top-heaviness or unequal development. If done early, the correction and support will be absorbed; after maturity, any alteration would appear abnormal and unsightly.

**TIDINESS** goes a long way towards an attractive garden. Snipping a broken twig; an untanglement here and there; removing withered leaves, dead flower stems, etc., will repay the odd moments of time and attention.

**DIVIDING.** The earliest flowering types are generally dwarf, compact and close rooted; these may be left undisturbed for several years. The tall sorts of late summer and fall are fast growing and prolific; it will be found a positive advantage to quality of bloom and general appearance, if these are taken up, divided, and a part only replanted, at least every second year.

**WINTER PROTECTION.** Everything listed in this section is "hardy," but in varying degree. For instance, Tritomas, Poppies and Shastas really need some protection. A light covering of coarse straw manure or leaves (not over 2 or 3 inches deep) will give comfort to all kinds, and ensure safety for the weak. After removing all stems and dead foliage, during the last days of November, or before severely cold weather sets in, apply this dressing, remembering to remove it gradually next spring, as soon as frost begins to leave the ground.

## GENERAL ASSORTMENT OF HARDY BORDER PLANTS



Achillea Boule de Neige

### SEE THE FRONT COVER.

As you will have noticed, we have made Hardy Perennials prominent on our front cover. The three subjects portrayed in natural colors are:  
**VERONICALONGIFOLIASUBSESSILIS**, 25 cts.  
**AQUILEGIA LONG SPURRED PINK**, 25 cts.  
**HARDY PINK GRENAIDER**, 25 cts.

**The Set of one each for 60 cts.**

### Achillea, Boule de Neige. (Ball of Snow.)

A new form of this valuable perennial, more erect and compact than The Pearl, with fuller ball shaped flowers; pure white. 15 cts.; \$1.50 per dozen.

**Alyssum Saxatile Compactum.** (Golden Tuft.) A useful little border and rockery plant, growing not over 12 inches high; covered with enveloping flat clusters of bright golden-yellow flowers early in summer. 20 cts.; \$2.00 per dozen.



Anchusa Dropmore

**ANCHUSA DROPMORE.** A bold, broad leaved growth, and flower stems 3 to 5 feet high, bearing a continuous show of deep blue flowers from spring until late summer. The stools are quite dense and bushy, each stem nearly covered full length with double, inch wide flowers, of the deepest cobalt blue. 25 cts.; \$2.50 per dozen.

**ANEMONE JAPONICA.** (Wind Flowers.) A valuable class, suitable for edging, massing or single specimens. They grow rapidly 2 to 3 feet, and are profuse in bloom, gaining strength and beauty each year. The blooming period extends from August till mid-November, the large open flowers furnishing abundant cut-flowers and brilliant field display.

—**Alba.** Purest white, with yellow center.

—**Lady Ardilaun.** Pure white.

—**Queen Charlotte.** Abundant semi-double flowers broad and perfectly formed; "La France" pink.

—**Rubra.** Showy rose-color, yellow center.

—**Whirlwind.** Excellent double white flowers.

Anemones, 25 cts.; \$2.50 per dozen.

**AQUILEGIA (Columbine.)** The distinct, clear-cut foliage and delicate arrangement of colors in the flowers of Columbine make it one of the showiest and most desirable of the hardy garden plants; especially suitable for rock-work, at the base of foundation walls and under trees. Bloom in early spring.

—**Caerulea.** The dainty "Rocky Mountain Columbine," blue and white.

—**Canadensis.** Bright red and yellow.

—**Chrysanthia.** The "Golden Spur" Columbine.

—**Chrysanthia Alba.** Beautiful double white.



Fall Blooming "Wind Flowers"

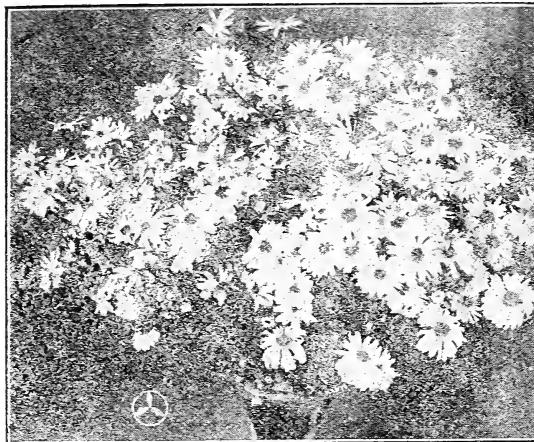
**Aquilegia, Long Spurred Pink.** An American novelty introduction bringing to the Columbines a hitherto unknown shade. This color is distinct and creates an altogether delightful effect with its warm daybreak pink. 25 cts.; \$2.50 per dozen.

—**Mrs. Scott Elliot's Long Spurred Hybrids.** A fine English strain producing many distinct shades and combinations, running through purples, blue, red and yellow.

Above, except noted 20 cts. each; \$2.00 per doz.

**Armeria Maritima Splendens.** (Cushion Pink.) Dwarf, compact and almost evergreen, evenly rounded into grassy cushions; the flowers numerous, in little solitary balls of pink on wiry, 14 inch stems. 20 cts. each; \$2.00 per dozen.





Aster Climax

**Artemisia Lactiflora.** Deep green, cleft foliage and compact bush shape, make this choice perennial attractive throughout the summer, but doubly so in August and September, when in bloom. The creamy white flowers, which resemble Herbaceous Spireas and are sweetly scented, are borne in large terminal panicles on erect stems 3 to 4½ feet tall. 25 cts. each; \$2.50 per dozen.

**Asclepias Tuberosa.** (Butterfly Weed.) A familiar field flower; the cultivated form making a delightful show of orange flowers during early summer. 2½ feet. 20 cts. each; \$2.00 per dozen.

## HARDY ASTERS

(Michaelmas Daisies)

The Michaelmas Daisies are a very useful and attractive family of perfectly hardy perennials, largely used by landscapers to provide masses of foliage and bloom, throughout the fall. They give a wide range of selection as to height, blooming character, season and color.

**Aster Acris.** (Summer Flowering.) Dwarf growth; with light green foliage as fine as Spirea Thunbergi. Flowers pale violet-blue, with distended petals and small, fuzzy, amber center. July and August. 15 cts.; \$1.50 per dozen.

**Beauty of Colwell.** The only double fall Aster; flowers the size of a half-dollar, compact, a bright Ageratum-blue, with small but conspicuous center of maroon and yellow. Dark green, narrow foliage on branched plants 3 to 4 feet high. At its best in September.

**Japanese Double White.** Small very double white flowers resembling Achillea, with bright yellow center. Makes an excellent cut-flower.

**Laevis.** A splendid light blue variety. 4 feet. 15 cts. each; \$1.50 per dozen.

**Mauve Cushion.** Very dwarf; free-blooming; delicate soft mauve. Late.

**Novaes Angliae.** Old New England Aster. 4 to 5 feet tall, with a wonderful fall show of deep violet-blue flowers.

**Rosea.** Bright rosy mauve.

**Novi Belgii Climax.** (New.) Stands 4 feet high with much branched, pyramidal clusters of light lavender blue flowers from August to mid-October. These flowers average 1¼ inches in width, with a prominent golden cone at center, and cover upper half of plant.

**—White Climax.** A white Aster so nearly attaining the desirable characteristics of the above, as to be given its name.

**—St. Egwin.** Plant is dense, bushy, about 30 inches high, with very ornamental fine cut sage green foliage. Unlike most top blooming sorts, this variety blooms profusely clear up from the ground; delicate pastel pink.

**Mme. Soyneuse.** Dwarf; deep purple, with yellow center. 2½ feet.

**Snowflake.** 18 inches; pure white, small flowers.

**Tartarica.** Very broad, long bottom leaves, diminishing in size towards the top of stalk. Blooms in October; bright purple. 5 feet. 15 cts. each; \$1.50 per dozen.

**Thos. S. Ware.** Delicate blue. 3 to 4 feet.

**Top Sawyer.** Clear parma violet. 4 feet.

**Trinervius.** Deep violet-purple, in bloom during October and November. 2½ feet.

**White Queen.** Dwarf; good cutting sort; creamy white, with twisted petals. 2½ feet.

**All Asters, except noted, 20 cts.; \$2.00 per dozen.**

## CAMPANULA

(Bellflower)

Its various types are among the most beautiful border plants in cultivation, very free of bloom, and adapted to any garden soil.

**Calycanthema.** ("Cup and Saucer.") Hardest and most popular form. Single cup-shaped flowers, 3 inches long, set in saucer-like calyx, 3 to 4 inches across; entire flower of one color. Very productive. We offer three separate colors, **Blue**, **Rose** or **White**.

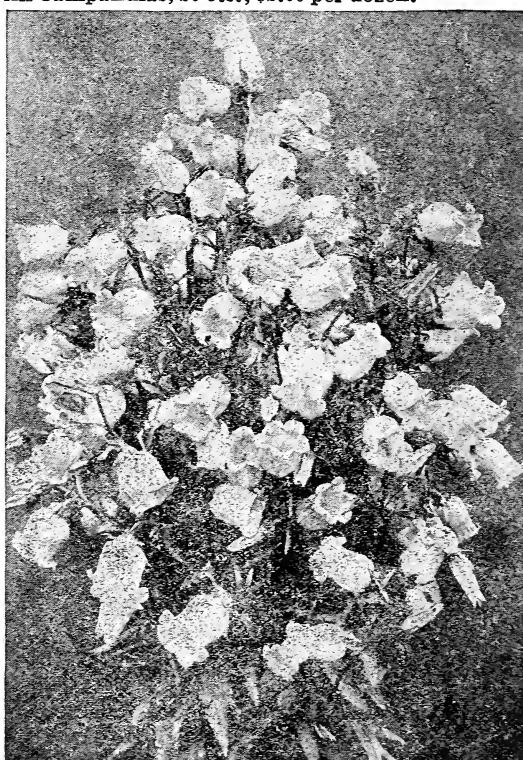
**Carpatica.** (Carpathian Hare-bell.) A pretty, compact species not exceeding 8 inches high, best adapted to edging; thimble shaped flowers one inch in diameter. **Blue** or **White**.

**Media.** The well known "Canterbury Bells;" its numerous branches crowded with deep bells, the edges softly rolled back and fluted. In July, height 2 to 3 feet. **Blue**, **Rose** or **White**.

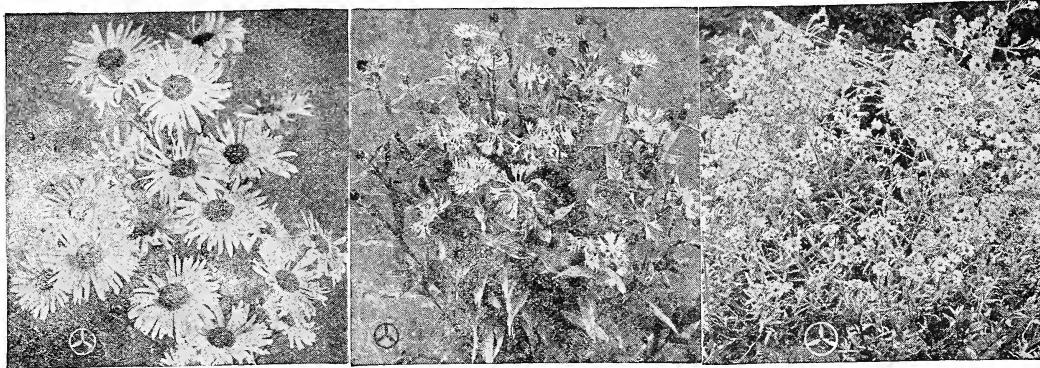
**Persicifolia.** (Peach Bells.) 1½ to 2 feet high; small salver-shaped flowers. **Blue**.

**Pyramidalis.** (Chimney Bell-flower.) Very conspicuous; 4 to 5 feet high. Salver-shaped flowers borne profusely during September. **Blue**.

**All Campanulas, 20 cts.; \$2.00 per dozen.**



"Canterbury Bells"

**Boltonia Latisquama**

**Bocconia Cordata.** (Plume Poppy.) Six feet. Immense flat, deeply indented leaves of silvery green on pearl-pink stalks. Flowers creamy white, produced in large upright panicles, which persist for months, darkening to rusty bronze. 20 cts.; \$2.00 per dozen.

**Boltonia.** (False Chamomile.) Bushy plants, 5 feet high, with Aster-like flowers, profusely covering the entire plant during late summer.

—**Asteroïdes.** White.

—**Latisquama.** Lavender pink. Large sprays make good cut-flowers. 15 cts.; \$1.50 per dozen.

**Caryopteris Mastacanthus.** (Blue Spirea.) A fine bushy border plant growing about 3 feet high; from September until frost, covered full length of the stems with attractive umbels of lavender blue. Not entirely hardy in the north and should be heavily protected. 20 cts. each; \$2.00 per dozen.

**Cassia Marilandica.** (American Senna.) Blooms in large panicles of bright yellow. July to August. Beautiful pinnate foliage of brilliant Nile green, 4 feet. 20 cts.; \$2.00 per dozen.

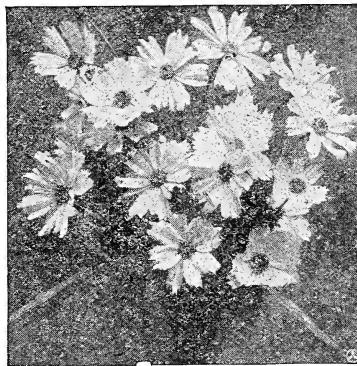
**Centaurea Montana.** (Perennial Corn Flower.) Grows 2 feet high, bearing large, loose-petaled flowers of violet-blue from July to September. 20 cts.; \$2.00 per dozen.



Shasta Daisy

**Centaurea Montana**

**Cerastium Tomentosum.** ("Snow-in-Summer.") A low growing rockery or carpet plant, with silvery foliage and white flowers. 15 cts.; \$1.50 per dozen.

**Coreopsis**

much larger flowers ranging in shape from fully double to single; and in color, from pure white to pale lemon yellow—some solid, some prettily variegated with yellow discs. Plants are extremely productive of bloom, making as spectacular a field show and as profitable a cut-flower supply as any Hardy Perennial grown. 15 cts.; \$1.50 per dozen.

**Delphinium.**

(Page 112.)

**Dianthus.**

(Page 112.)

**Dicentra. (Bleeding Heart.)**

—**Spectabilis.**

One of the most delightful of all the early spring flowering plants, bearing numerous, rosy red, heart-shaped flowers in drooping racemes. Two feet. 60 cts.; \$6.50 per dozen.

—**Eximia.** Compound racemes of deep rose, the heart shaped flowers tapering to a long slender neck. Foliage is especially attractive. 25 cts. each; \$2.50 per dozen.



**Caryopteris Mastacanthus.**  
(Blue Spirea)

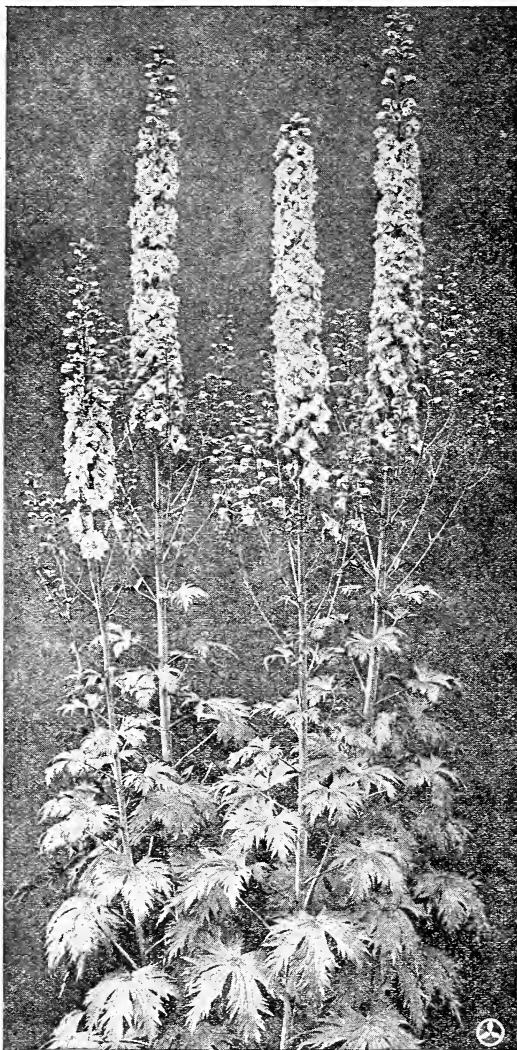
**Coreopsis Laneeolata Grandiflora.**

Flowers are rich golden yellow, borne in great profusion nearly the entire summer. 15 cts.; \$1.50 per dozen.

**Shasta Daisy.**

A rigorously selected mixture of Burbank's new sorts Alaska and Westralia; giving us different form and

much larger flowers ranging in shape from fully double to single; and in color, from pure white to pale lemon yellow—some solid, some prettily variegated with yellow discs. Plants are extremely productive of bloom, making as spectacular a field show and as profitable a cut-flower supply as any Hardy Perennial grown.



Hardy Larkspur

**Delphinium.** (Perennial Larkspur.) Indispensable to the herbaceous garden. Their long, showy spikes of flowers persist from June till frost and furnish the most satisfactory blues to any color scheme.

—**Belladonna.** A magnificent new sort, unrivalled for continuance of bloom, with large spikes of the most delicate turquoise-blue. July till frosts. 20 cts.; \$2.00 per dozen.

—**Bellamosa.** A very dark blue variety, of particular value because this shade has been so scarce the past few years. 20 cts. each; \$2.00 per dozen.

—**Gold Medal Hybrids.** Vigorous, free blooming, with flower spikes 2 feet long. Grand assortment of colors ranging from lightest blue to purple. 20 cts. each; \$2.00 per dozen.

—**Chinensis.** Dwarf growth; foliage small and deeply cleft; flowers loosely panicled; bright dark blue. 20 cts. each; \$2.00 per dozen.

**Dianthus Barbatus.** Great richness and variety of coloring; beautifully marked. Numerous broad, compact trusses of single flowers in crimson, white and pink. 15 cts., each; \$1.50 per dozen.



Dictamnus Alba

**Dianthus Deltoides.** (Maiden Pink.) A charming type, foliage prostrate; a mass of small pink flowers during June and July. A good rock-plant. 20 cts.; \$2.00 per dozen.

**Dictamnus Rubra.** Fragrant foliage; spikes of curious red flowers. 25 cts. each; \$2.50 per dozen.

“Gas Plant”

—**Alba.** White flowered. 25 cts.; \$2.50 per dozen.

**Digitalis.** (Fox Glove.) A grand display of thimble-shaped flowers in immense spikes during July and August. Tall growing with large, rough foliage. Separate colors.

**Purple, White or Rose.**  
20 cts.; \$2.00 per doz.

**Eryngium Amethystinum.** (Sea Holly.)

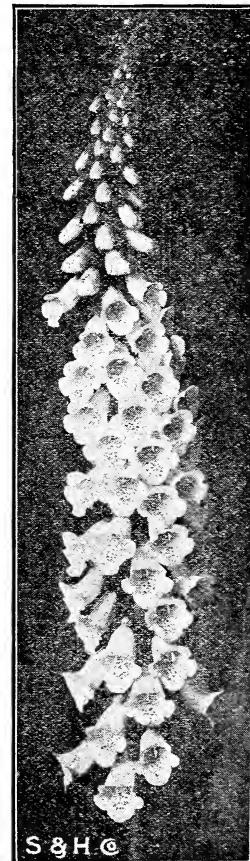
A highly ornamental plant growing 2 to 3 feet high, with hard angular stalks, fine cut, spiny foliage, and large thistle-like terminal flowers—all a glistening amethystine blue. 20 cts. \$2.00 per dozen.

**Eupatorium**

—**Aggeratum.** (White Snakeroot.) Dense terminal heads of minute white flowers. 3 feet. 20 cts. each; \$2.00 per dozen.

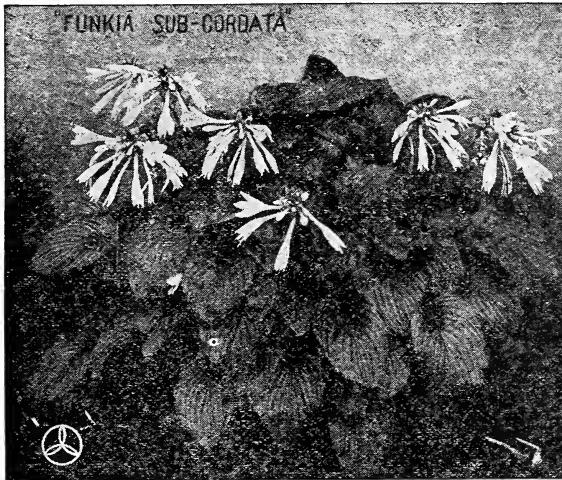
—**Coelestinum.** All-covering cymes of pretty blue Ageratum-like flowers. 2 feet. 20 cts.; \$2.00 per dozen.

**Fragaria Indica.** (Indian Strawberry.) A handsome trailing plant of the wild strawberry character, very useful as a basket trailer or rock plant. Small yellow flowers are succeeded by scarlet fruit. 20 cts. each; 2.00 per doz.



S &amp; H. C.

Foxglove



**Funkia Fortunei.** Large thick, spoon-shaped leaves, rigidly formal; color a conspicuous blue-green, densely pitted. Flowers pale lilac on medium sized spikes. 25 cts.; \$2.50 per dozen.

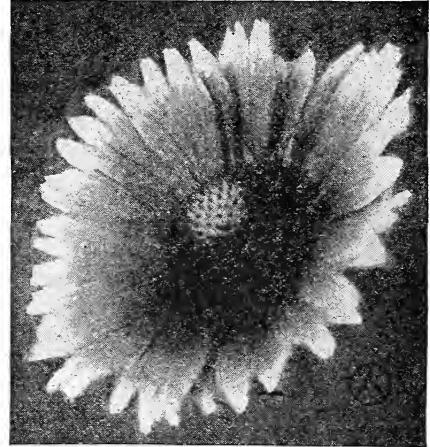
—**Sieboldi.** Medium sized leaves, slightly tinted blue, with low set racemes of bluish white flowers. 25 cts.; \$2.50 per dozen.

—**Sub-Cordata.** (Day Lily.) Wide circles of broad leaves. Flowers large, waxy white, borne in large trusses. Very fragrant. 25 cts.; \$2.50 per dozen.

—**Undulata Variegata.** Graceful leaves having a fluted white edge. Makes a splendid edging for other plants with plainer foliage. 20 cts.; \$2.00 per dozen.

**Gaillardia Grandiflora.** (Blanket Flower.) Makes one of the most gorgeous and prodigal displays of all perennials, providing an unfailing supply of bloom, in those rich, tawny shades so highly prized. Flowers often measure 3 inches in diameter, on clean 2 foot stems. A hard center of deep maroon is thickly bordered by petals of orange and yellow, strikingly ringed by circles of crimson, red and maroon. 20 cts.; \$2.00 per dozen.

**Geum Mrs. Bradshaw.** Brilliant, beautifully ruffled scarlet flowers, resembling Carnations, on long slender upright stems. 1½ feet. June to September. 20 cts.; \$2.00 per dozen.



**Gaillardia Grandiflora**

**Gypsophila Paniculata.** (Baby's Breath.) Good for cutting as well as for borders. Flowers are minute but myriad, pure white, produced in immense fluffy panicles. 20 cts.; \$2.00 per dozen.

**HARDY GRASSES.** In the laying out of lawns and gardens a few of these beautiful hardy grasses should not be overlooked. Their graceful, sinuous yielding to every wind gives animation to gardened landscapes too apt to look "fixed."

—**Eulalia Gracillima Univittata.** (Japan Rush.) Narrow green leaves with a silvery white midrib, perfectly hardy. 20 cts.; \$2.00 per dozen.

—**Japonica Variegata.** Long narrow leaves, striped with green and white. 20 cts.; \$2.00 per dozen.

—**Japonica Zebrina.** (Zebra Grass.) Leaves crossed every two or three inches by a band of yellow half an inch wide. 20 cts.; \$2.00 per dozen.

—**Phalaris Arundinacea Variegata.** (Ribbon Grass.) Green leaves, striped lengthwise with creamy white. 1½ to 2 feet. 20 cts.; \$2.00 per dozen.

**HELENIUM—Bigelowi.** Quick growing, branching plants, 2 to 3 feet; quite showy during August with terminal clusters of 1½ inch, deep yellow flowers; brown centered. 20 cts.; \$2.00 per dozen.

—**Autumnale Superbum.** Good sized, golden yellow flowers during late summer and fall, the plant attaining about five to six feet. 20 cts.; \$2.00 per dozen.

—**Rubrum.** A new derivation from above, with very striking flowers of terra cotta red. 4 feet. Aug.-Sept. 20 cts.; \$2.00 per dozen.

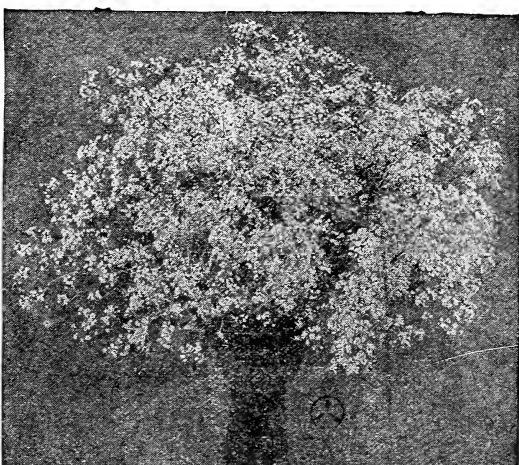
—**Riverton Gem.** Old gold gradually changing in streaks to wall-flower red. 20 cts.; \$2.00 per dozen.

**Helianthus.** (See Page 114)

**Helianti.** Belongs to the Helianthus and Artichoke family; very similar in growth, habit and prolific yellow bloom to *H. Rigidus*, furnishing a prodigious number of 3 inch single flowers through August and September. Its roots are thick, short, numerous, very crisp and tender, available as a table food used in the same way as Asparagus, Cauliflower or Potatoes. 15 cts.; \$1.50 per dozen.

**Heliopsis Excelsa.** Bushy perennials seldom over three to four feet high, lavishly covered with charming 2 inch double flowers during six weeks of mid-summer. The color is chrome yellow, bleaching to clear yellow as flower matures. 25 cts.; \$2.50 per doz.

**Heuchera Brizoides.** A hybrid of the "Coral Bells", useful for low borders and cutting. The heart-shaped, purple tinged leaves appear in compact tufts, from which spring numerous slender red stems, each weighted with tiny pink bells. 20 cts.; \$2.00 per doz.



**Gypsophila or "Baby's Breath"**



### HELIANTHUS (Sunflower)

Hardy and quick growing, available for medium to tall location. The flowers average from 3 to 5 inches in diameter, of various pretty shapes and shades of yellow. The foliage and growth of each is entirely distinct; and can be adjusted to other perennials for some striking foliage effects.

**Maximilliana.** Immense single flowers, rich golden yellow, center reddish brown. Very dark green, lanceolate, drooping foliage, late bloom. 5 to 7 feet.

**Miss Mellish.** Large wavy single flowers, very free; clear yellow. 20 cts.; \$2.00 per dozen.

**Mollis Grandiflorus.** Light lemon yellow. Foliage large, rounded, silvered and quite hairy. 4 feet.

**Orygialis.** Distinct character. The branching tops resplendent from September on, with an abundance of medium sized lemon yellow single flowers. 6 to 10 feet.

**Rigidus.** Of fine upright habit of growth. Foliage short and narrow, all stems dark colored. Flowers light yellow, with maroon center. 3 feet.

**Wolly Dod.** One of the best single sunflowers; good rich yellow. September.

Except as noted, 15 cts.; \$1.50 per dozen.

### HEMEROCALLIS (Day Lilies)



Well known family resembling Lilies in character and bloom, usually sweet scented and bearing a great quantity of yellow flowers during long periods of summer varying with the variety. Decorative, iris-like foliage.

**Aurantiaca.** Grows 3 to 4 feet high and blooms freely during June and July. Flowers large, trumpet shaped; orange, with bright yellow stamens and reverse. 25 cts.; \$2.50 per dozen.

**Luteola.** Fine large orange yellow flowers, 2½ ft.

**Flava.** (Lemon Lily.) Beautiful lemon colored flowers 3 to 4 inches in diameter, and delightfully fragrant. 3 feet.

**Middendorffii.** Dwarf growing, with clusters of lily flowers 5 to 6 inches long; bright yellow.

**Sieboldi.** A fine upstanding variety with large flowers of light orange yellow, medium height.

**Thunbergi.** Funnel-shaped flowers of buttercup yellow in July. 4 feet.

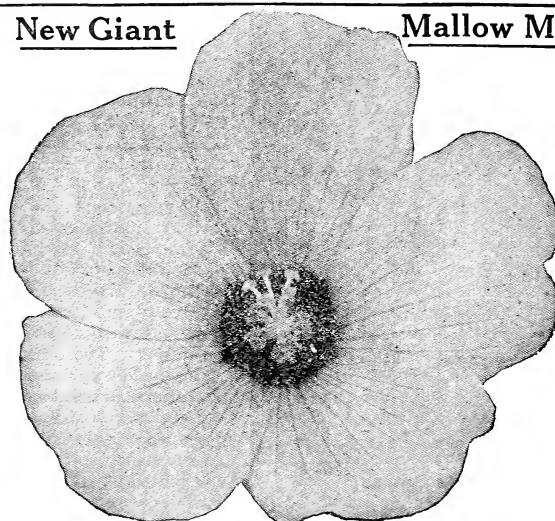
Unless noted, 20 cts.; \$2.00 per dozen.

**HIBISCUS Moscheutos.** The fine old Swamp Rose Mallow. Large purplish pink flower with large dark eye. Four to five feet. 20 cts.; \$2.00 per dozen.

—**Crimson Eye.** Immense flowers of purest white, with large centers of velvety crimson. 20 cts.; \$2.00 per dozen.

### New Giant

Of all recent improvements among perennials these new mammoth flowered strains of the common Marsh Mallow (Hibiscus) are perhaps the most striking and notable. The colors are wonderfully intensified, the size of flower (10 to 12 inches across) greatly expanded, the blooming season lengthened and the strength of growth increased. From being an ordinary hardy plant of mediocre quality suitable mainly for use in damp locations, these giants approach the dignity of shrubs—often



### Mallow Marvels

reaching 10 feet in height—and are so vividly showy in their bloom as to demand a place in every large planting. Singly, in groups by themselves, or mingled with shrubbery of any kind, and in any kind of soil, they are a delight to the eye and a satisfying subject wherever a tall, shrubby plant is required.

—**Red Marvels.** Shades of red. 25 cts.; \$2.50 per dozen.

—**Mixed.** 15 cts. each; \$1.50 per dozen.



Hollyhock Background

S &amp; H C

## HOLLYHOCKS

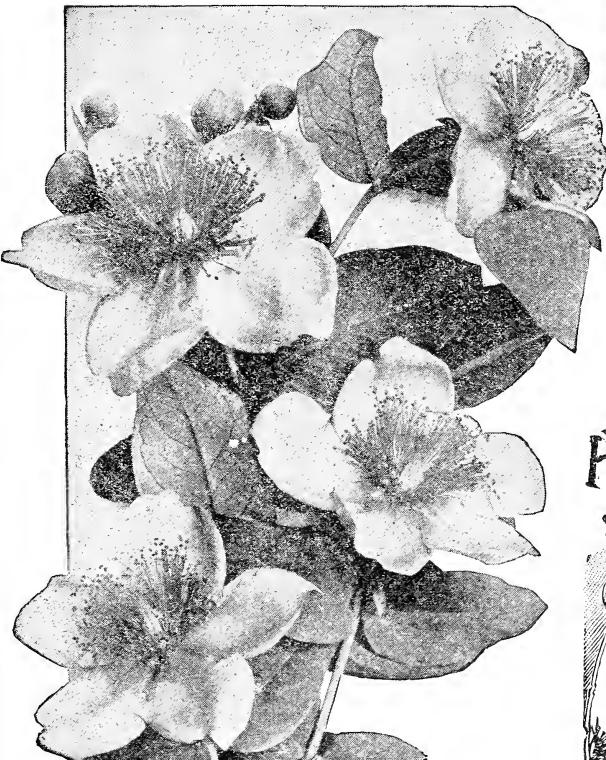
This stately old plant is truly "King of the Garden." Hollyhocks inject so much of color and life and picturesqueness into tall backgrounds with their gorgeous, densely-set pillars ranging in height from 4 to 7 feet, ablaze throughout the summer.

**Double Flowered.** Large rosettes of paper-like tissue, very compactly layered. We offer them in the following separate colors:

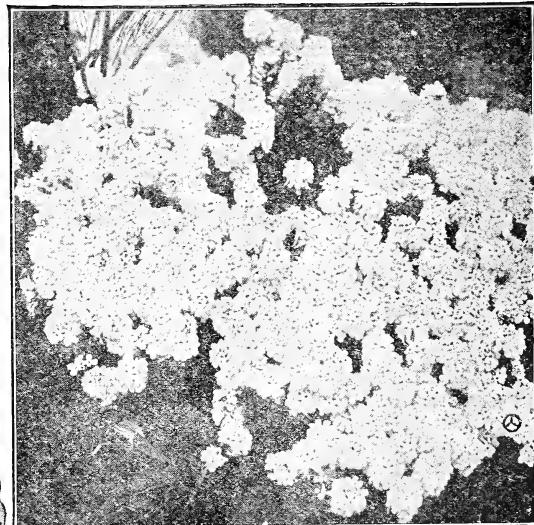
**Crimson, Black, Yellow, White, Maroon and Pink.**

**Mammoth Fringed.** Extra large flowers semi-double and single, petals finely curled and fringed; colors shell-pink, rose, and ruby-red. Mixed colors.

All Hollyhocks 15 cts. each; \$1.50 per dozen.



Hypericum or "Gold Flowers"

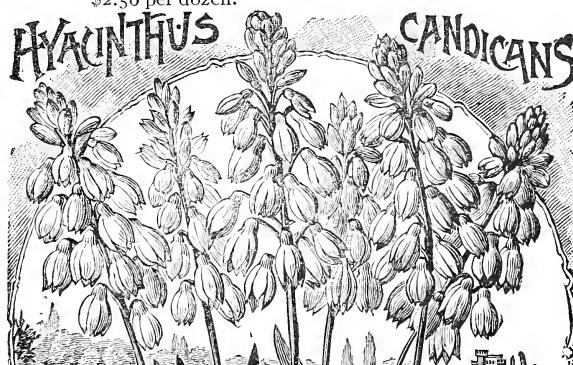


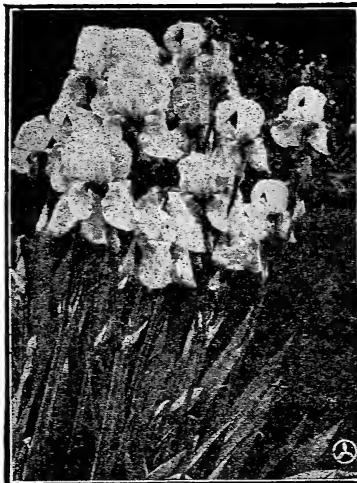
Hardy White Candytuft

**Hyacinthus Candicans.** 20 to 30 white, pendant, bell-shaped flowers on stalks 3 to 4 feet high. Blooms early and till late fall. 10 cts.; \$1.00 per dozen.

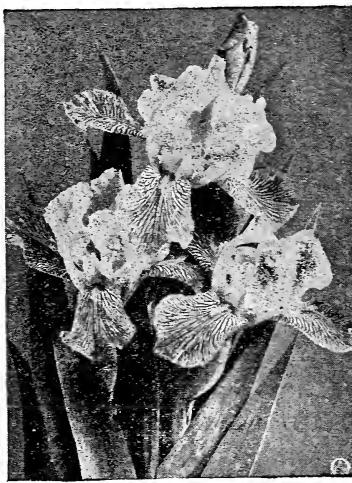
**Hypericum Moserianum.** (Gold Flower.) Forms a shrubby, recumbent bush, 2 to 2½ feet high, of slender, well-branched stems. Single, 2 inch, bright golden flowers. 20 cts.; \$2.00 per dozen.

**Iberis Semperflorens.** Hardy white Candytuft. 25 cts.; \$2.50 per dozen.

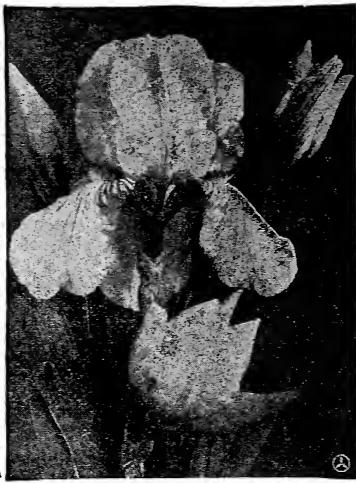




Type of German Iris



Mrs. H. Darwin



Intermediate Iris—Ingeborg

**Bloom:** Large, fragrant, useful delicate tints; exquisite patterns.

# IRIS

## GERMAN IRIS

*Iris Germanica.* The "Fleur de Lis" of France, and well-beloved favorite in every oldtime garden. It is this diversified type which lends its flower beauty and fragrance to our annual Memorial day; at a time when little else has come into bloom. Although capable of establishment in any kind of soil, they will attain greater perfection of growth and flowering in a damp or marshy situation.

**Caprice.** Immense blooms of perfect form; solid violet-blue. 25 cts.; \$2.50 per dozen.

**Celeste.** Falls bright blue, uppers delicate grayish blue; all having a lavender effect.

**Isolene.** Standards pale lavender; falls light purple overlaid brown; beard yellow. 30 cts.; \$3.00 per dozen.

**Kochii.** (Atropurpurea.) A handsome, dark variety, both standards and falls a rich claret purple; the falls coated with translucent black. 30 cts.; \$3.00 per dozen.

**Lohengrin.** One of the choicest of the Pallida type, tall and strong growing. Flowers very large and refined, uniformly colored a soft shade of Cattleya rose, except for a weakening to almost white at the claws. 30 cts.; \$3.00 per dozen.

**Midnight.** Tall growing; with large, stately heads of deepest purple. 30 cts.; \$3.00 per dozen.

**Monsignor.** A distinct and very desirable variety, stately in growth and massive in bloom; the somberness of its darkly veined crimson purple falls enlivened by gleaming violet rays in the standards. 25 cts.; \$2.50 per dozen.

**Mrs. H. Darwin.** Falls satiny white, veined crimson; uppers white with slight crimson penciling at base.

**Mrs. Neubronner.** One of the finest of the newer yellow varieties; deep, golden yellow. 25 cts. each; \$2.50 per dozen.

**Nibelungen.** S. fawn; F. violet, with fawn margin; a handsome variety. 25 cts.; \$2.50 per dozen.

**Pallida Dalmatica.** A rare, delightful variety, especially fine for massing as well as for cutting. Tall growing; with very large full-formed flowers of soft lavender, the falls being of deeper hue. 25 cts.; \$2.50 per dozen.

**Parisiensis.** Large, deep purple, delicately penciled white.

**Perfection.** S. light blue; F. velvety black-violet, with orange beard. An attractive combination sharply contrastive. 30 cts.; \$3.00 per dozen.

**Queen of May.** Very dainty and effective; soft rose-lilac, almost pink.

**Rhein Nixe.** Although dainty, and of delicate hue and texture, this recently new kind is quite conspicuous. White; the falls heavily blotched and feathered purple; large golden beard. 30 cts. each; \$3.00 per dozen.

**Tamerlane.** Very heavy foliage and late bloom; F. deep purple, S. light blue. 30 cts.; \$3.00 per dozen.

**Victorine.** A very pretty and distinct sort; white, with the falls attractively mottled violet. 25 cts.; \$2.50 per dozen.

**Wyomissing.** Of delicate tones and satin finish; S. rosy white, the falls deep rose shading to flesh. 50 cts.; \$5.00 per dozen.

**Unless noted, 20 cts. each; \$2.00 per dozen.**

## INTERMEDIATE IRIS

Handsome, new large flowered, medium growing hybrids, resultant from crossing the tall bearded Germans with the various Crimean hybrids. These are vigorous; hardy and free flowering, blooming in May just ahead of the taller Germanica class.

**Dorothea.** Milk white shaded blue.

**Helge.** Lemon yellow with pearl shadings.

**Ingeborg.** Pure white.

**Walhalla.** Standards lavender, falls wine-red. 25 cts. each; \$2.50 per dozen.

## SIBERIAN IRIS

A very practical, showy and prolific type of dwarf habit; with narrow, grassy foliage and 2 to 3 foot stems; furnishing a prodigious amount of medium sized flowers during June—between the German and Japan sections.

**Sibirica.** Purplish blue. 2 feet.

**—Orientalis Superba.** Large, violet-blue flowers; extra good foliage. 3 feet.

**—Blue King.** Clear, bright blue.

**—Snow Queen.** Pure white.

**20 cts. each; \$2.00 per dozen.**

## JAPAN IRIS

*Iris Kaempferi.* Last of the wonderful Iris procession in point of season; but for size of plant and flowers, shapeliness, richness of coloring, beauty of pattern, and splendor of general effect, is unquestionably first. Like other Iris, the Japanese species are partial to moisture in the soil, but can get along with less than the Germanica type. They insist, however, upon thorough and frequent cultivation, giving recompense for extra labor, in extra bloom and added beauty. Their flowers are generally rather flat and wide, often measuring 10 to 12 inches across, appearing in great profusion during June and July after the Germans are through.



Japan Iris at Painesville Nurseries

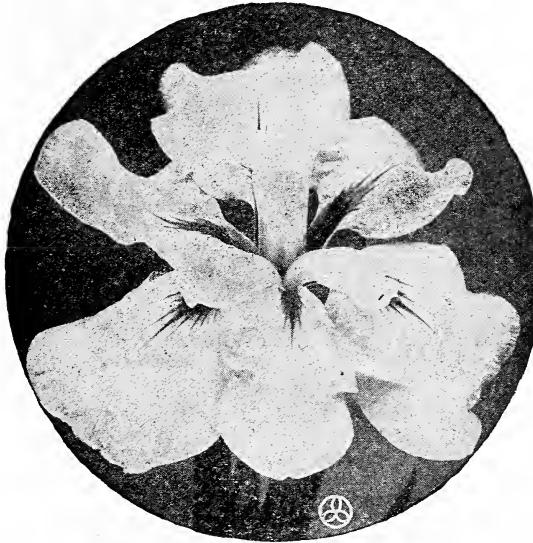
**Purple and Gold.** (5.) Enormous double flowers often ten inches across, early and free blooming; one of the very best varieties. Color, rich violet-purple with white petaloids, tipped violet. The conspicuous golden throat extends outward in sharp bluish white rays.

**Gold Bound.** (6.) A fine double pure white, enriched by a creamy glow from the gold banded center.

**Uchiu.** (Universe.) (7.) Beautiful, six-petaled flowers of largest size, on the longest stems. Color, cerulean blue with golden center and white halo from which radiate many clear white lines. Standards white, tipped blue. This variety covers the longest blooming season and is altogether one of the most attractive. 35 cts. each; \$3.50 per dozen.

**Mahogany.** (8.) Large double flowers, the latest to bloom. Purpled mahogany-red; the erect petaloids prettily crested.

**Unless noted, 30 cts. each; \$3.00 per dozen.  
By express, \$2.50 per dozen; \$18.00 per 100.**



### S. & H. CO. JAPAN IRIS SET

8 Distinct Well-balanced Sorts.

By mail, for \$1.75; by express, for \$1.45.

**Gekka-no-nami.** (Waves under Moonlight.) (1.) Earliest to bloom, and the choicest white; very free. Glistening white, with creamy white stigmas.

**Kumo-no-obi.** (Band of Cloud.) (2.) The lower and upper petals being nearly equal in size, make a very full flower and a solid blotch of color. Bright, clear purple, with distinct rays and halo of white surrounding the golden throat, the pure white standards tipped purple.

**Momiji-no-taki.** (Maple Waterfall.) (3.) A choice double variegated variety; bright crimson purple, beautifully feathered in white. Petaloid-stigmas white, purple crested.

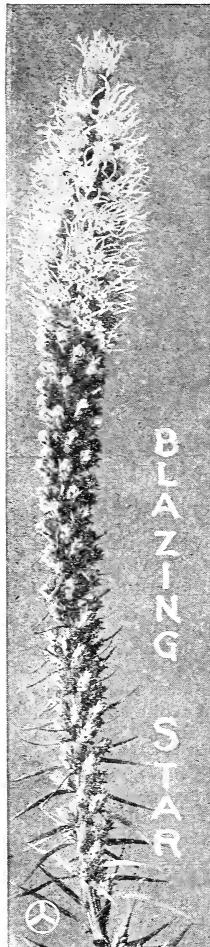
**Zama-No-Mori.** (4.) Only three-petaled, but larger than a majority of varieties; one of the daintiest and most delightful of the delicate toned kinds. White, with a heavy azure blue zone; short white standards margined blue. 30 cts. each; \$3.00 per dozen.

## LILIES

These stately, elegant flowers are to be noted at intervals in every well kept garden. Whether the waxen purity of the white sorts or the ruddy warmth and glow of the colored types, the flowers of the Lily stand out preeminent among all the rest. **Complete descriptions of all varieties may be found on Page 89.**

	Each	Dozen
<b>Lilium Regale.</b> (The Regal Lily).....	\$ .85	\$9.00
<b>Auratum.</b> (Gold Banded Japan Lily).....	.35	3.50
Extra Large.....	.50	5.00
<b>Batemannii.</b> (Turk's Cap).....	.25	2.50
<b>Elegans.</b> (Mixed).....	.25	2.50
<b>Henryi.</b> .....	.50	5.00
<b>Kramerii.</b> .....	.30	3.00
<b>Longiflorum Giganteum.</b> .....	.30	3.00
<b>Speciosum Album.</b> .....	.25	2.50
<b>Speciosum Rubrum.</b> .....	.25	2.50
<b>Superbum.</b> .....	.25	2.50
<b>Tigrinum Splendens.</b> (Single Tiger).....	.20	2.00
<b>Tigrinum fl. pl.</b> (Double Tiger).....	.20	2.00

**Lily of the Valley.** Very small and sweet and dainty; the creamy white escalloped bells pendant along slender stems. They make up (with their broad shiny leaves) into dainty bouquets of fragrance. They spread actively from the roots and soon reclaim shaded, cold ground which otherwise would be cheerless and barren. **Large Pips,** 50 cts. per dozen; \$3.50 per 100. By express, \$30.00 per 1000.



**Lavendula Vera.** (Sweet Lavender.) Delightfully fragrant blue flowers in July and August. 18 inches. 20 cts.; \$2.00 per dozen.

**Liatris Pycnostachya.** (Blazing Star, or Gay Feather.) Unique, mid-summer flowers showing a blaze of light rosy purple from tip to base of each feathery stalk. 4 to 5 feet. 25 cts.; \$2.50 per dozen.

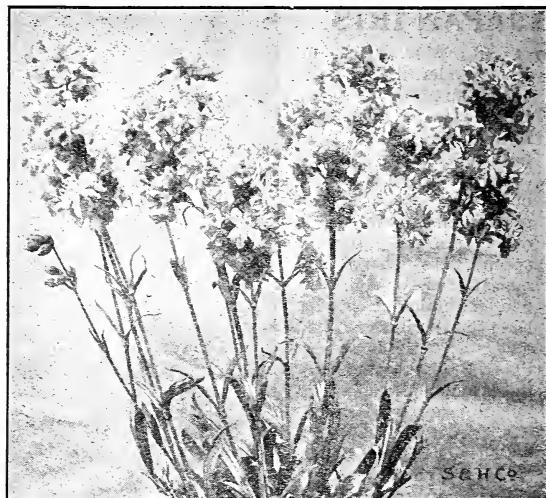
**Lathyrus Latifolius.** (Hardy Climbing Pea.) Red and pink. 25 cts. each; \$2.50 per dozen.

**Linum Perenne.** (Perennial Flax.) Dainty, feathery foliage and sparkling single flowers all summer. 2 feet. A charming interlude among coarser leaved plants, if massed liberally; also a good rock plant. **Blue or White.** 20 cts.; \$2.00 per dozen.

**Lobelia Cardinalis.** (Cardinal Flower.) Intense cardinal red flowers arranged in stocky spikes 15 to 18 inches long, keep the plant aflame throughout August and September. 20 cts. each; \$2.00 per dozen.

**Lychinis Chalcedonica.** (Maltese Cross.) Heart-lobed stars of brightest vermillion, arranged in large flat panicles. 20 cts.; \$2.00 per dozen.

**—Visearia Splendens.** (Lamp Flower.) Almost evergreen foliage; in June and July fairly ablaze with crimson spikes. 20 cts.; \$2.00 per dozen.



**Lychnis Viscaria Splendens**

**Lythrum Roseum Superbum.** (Rose Loose Strife.) Large, compact spikes of deep rose colored flowers from June to September. 20 cts.; \$2.00 per dozen.

**Monarda Didyma.** (Bergamot.) A bushy coarse-leaved plant, growing about 2 feet high; covered with round, full heads of red flowers with a petalage similar to the Cactus Dahlias. Prized also on account of the delicious fragrance of their leaves when crushed. 20 cts.; \$2.00 per dozen.

**Pachysandra Terminalis.** One of the best ground covering plants, averaging 6 to 8 inches in height and branching freely into a dense mat. Its shapely indented foliage is practically evergreen; thick, rubbery, lustrous dark green. It bears small spikes of light colored flowers during May and June. 20 cts. each; \$2.00 per dozen. By express, \$15.00 per 100.

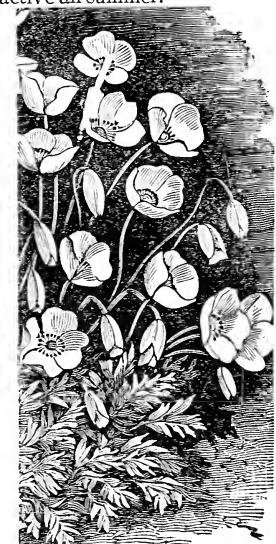
## HARDY POPPIES (Papaver)

Among the most welcome flowers that glorify the early spring and summer, are the big glowing, nodding Poppies. Although their blooming season is short, their foliage is attractive all summer.

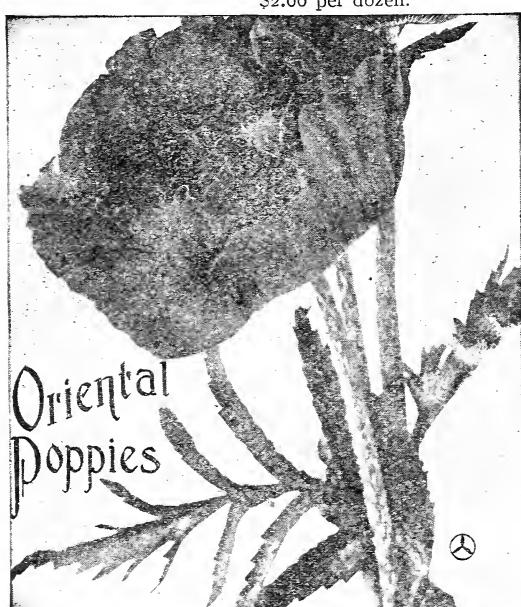
### Papaver Orientale.

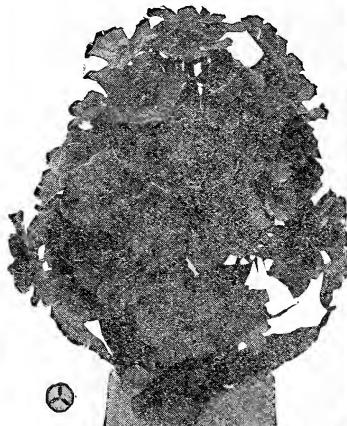
The brilliant "Oriental Poppy" with immense, flaming flowers of orange scarlet. These impressive color blots are supreme among the prevailing greens of early spring. 25 cts.; \$2.50 per doz.

**—Nudicaule.** The "Iceland Poppies" bloom with extravagant freedom during early summer, and in lesser degree throughout; two inch saucer shaped flowers, on slender stems, making delightful bouquets, as well as a vivid garden show. Very distinct, bright colors, offered separately in **Orange** and **Yellow**. 20 cts. each; \$2.00 per dozen.

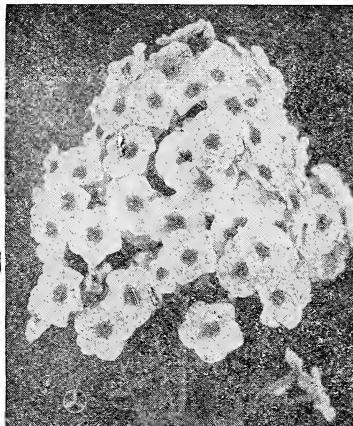


**Iceland Poppy**

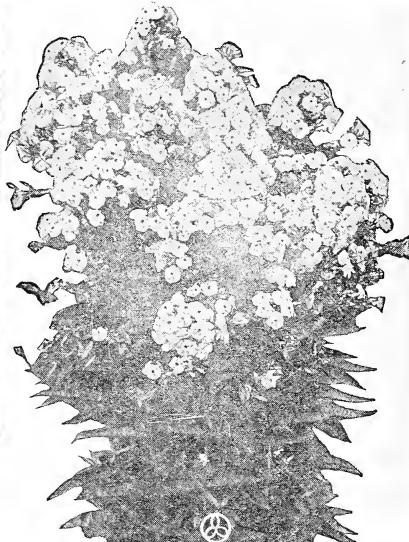




Thor



Richard Wallace



The Hardy Panicle Phlox

## HARDY PHLOX

We offer a select list of strong **field grown roots**.

**Athis.** Tall; bright salmon-pink, violet eye.

**La Vague.** Immense, conical heads, borne in great profusion. Warm mauve with emphatic carmine eye.

**Lumineaux.** Bright rosy crimson, with carmine eye.

**Mad. Paul Dutrie.** Good sized dainty lilac-rose.

**Mauve Queen.** Tender peach-blossom pink with bright rose eye and suffusion; flower and truss very large, on erect, compact stems. 25 cts. each; \$2.50 per dozen.

**Mrs. Wm. Jenkins.** Flowers large, pure white.

**Rheinlander.** A new variety of great beauty; a rare shade of salmon-pink, intensified by a distinct claret-red eye. Flowers and truss of unusual size.

**Richard Wallace.** Violet-eyed, white.

**Rosenberg.** Extremely large florets and truss; brilliant wine color, with blood-red eye.

**Rydstrom.** Color a lively shade of rose-pink, much like Paul Neyron Rose; flowers very large.

**Sir Edwin Landseer.** Good bright crimson. 25 cts.; \$2.50 per dozen.

**Thor.** A charming shade of deep salmon-pink suffused and overlaid with a glow of scarlet. The eye of aniline red centers a most attractive aureole nearly pure white. 25 cts.; \$2.50 per dozen.

**White Lady.** A beautiful pure white variety.

**Unless noted, 20 cts. each; \$2.00 per dozen.**

**Phlox Subulata.** Creeping Phlox or "Moss Pink." Beautiful ground covering plants with low spreading stems and narrow moss-like leaves. Often used for covering graves, surrounding old stumps, etc.

**Rosea or Alba.** 20 cts. each; \$2.00 per dozen.

## HARDY GARDEN PINKS

The pronounced spicy fragrance of their flowers vie with their beauty of form and color in keeping up a constant demand for them. Bloom freely during early summer. 1 ft.

**Essex Witch.** Delicate pink, finely fringed.

**Gertrude.** White, variegated with maroon.

**Grenadier.** Bold red. This fine pink looks very much like a big, double, fringed and spicy Carnation. It buds out early and blooms and blooms with a crimson vividness that will not be denied. The roots are perfectly hardy.

**Her Majesty.** Very large and full; purest white. 20 cts. each; \$2.00 per dozen.

**Laura Wilmer.** White, with purplish maroon center. 20 cts. each; \$2.00 per dozen.

**Unless noted, 25 cts. each; \$2.50 per dozen.**

## NEW PERPETUAL-FLOWERING HARDY PINKS

A comparatively new type which adds materially to the already high valuation placed on these garden favorites. They commence blooming early in spring and continue without interruption until fall, with larger and longer-stemmed flowers than the older types.

**Harold.** Large double white.

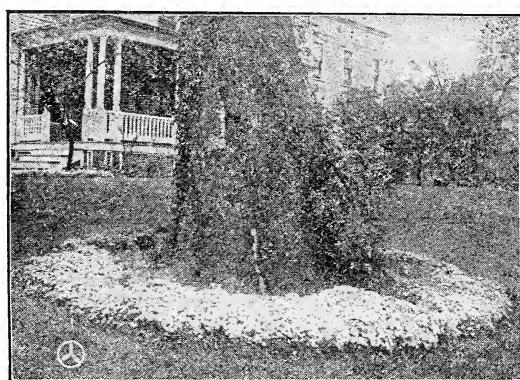
**Jean.** White, with purple center.

**Mary.** Pale rose-pink, with light maroon center.

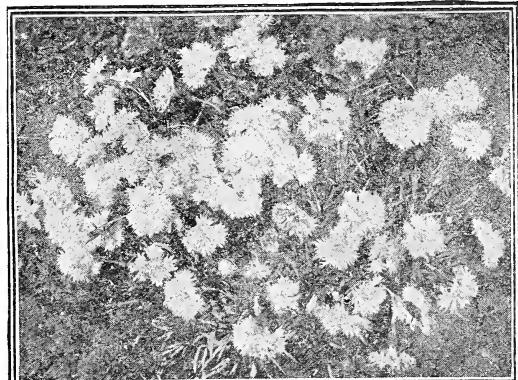
**Robert.** A delicate shade of old rose with light maroon center; particularly free.

**25 cts. each; \$2.50 per dozen.**

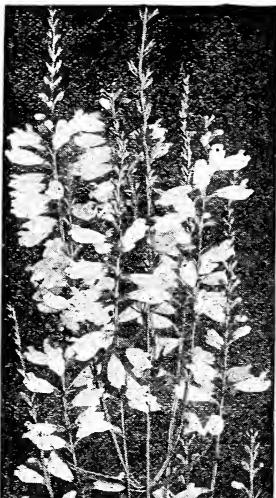
**Set:** One each of the 4 sorts for 85 cts.



Phlox Subulata or "Moss Pinks"



Hardy Garden Pinks



Physostegia

**Platycodon Grandiflorum.** (Balloon Flower.) Blooms constantly from July until late in September; flowers large bell-shaped, in numerous loose racemes. **Blue or White.** 15 cts.; \$1.50 per dozen.

—**Mariesi.** Numerous, two inch bells, identical with Grandiflorum except that this is dwarf growing, and blooms earlier. One of the most useful dwarf border plants. 20 cts.; \$2.00 per dozen.

**Plumbago Larpentae.** (Leadwort.) An attractive edging plant of evenly rounded and dense growth, about 12 inches high. Small single flowers of cobalt blue late in summer. 20 cts.; \$2.00 per dozen.

**Pyrethrum Roseum.** Foliage fine cut and attractive, flowers borne profusely on long straight stems, colored in all shades of rose. A splendid cut-flower. 20 cts.; \$2.00 per dozen.

—**Stellata.** (New.) The flowers are very large with many long, narrow petals of glistening white. 25 cts.; \$2.50 per dozen.

**Pentstemon Barbatus Torreyi.** (Scarlet Beard Tongue.) Close sets of small brilliant scarlet flowers; July and August. The flower stems shoot straight up from the ground 3 to 4 feet, and are brightly attractive as they nod and sway above surrounding plantings. 20 cts.; \$2.00 per dozen.

**Physostegia.** (False Dragon Head.) Handsome mid-summer flowering plants, 3 to 4 feet high; bearing broad spikes of tubular flowers of delicate but conspicuous beauty.

—**Speciosa Alba.** Pure white. 20 cts. each; \$2.00 per dozen.

—**Virginica.** Rosy purple. 20 cts.; \$2.00 per dozen.



"Purple Cone Flower"



PLATYCODON MARIESII

#### RUDBECKIA "Golden Glow."

Grows 5 to 7 feet and blooms from early summer until frost. Flowers resemble golden-yellow Cactus Dahlias.

—**Newmani.** Grows 1½ to 2 feet, plentifully supplied with broad single flowers of orange-yellow, prominent brown cone.

—**Purpurea.** (Purple Cone-flower.) Large drooping petals colored reddish purple, with a remarkably large cone-shaped center of brown, thickly set with golden tips in spiral lines. 2 to 3 feet. **All 20 cts.; \$2.00 per dozen.**

**Holt's Mammoth Sage.** Attractive gray-green wrinkled foliage and spikes of pale blue flowers, but mainly cultivated for the culinary flavor and medicinal virtues. 20 cts.; \$2.00 per dozen.

**Primula Veris Hybrids.** Derived from the true English Primrose, with fine clusters of very fragrant blossoms in shades of red. One of the delightful garden products of spring and early summer. 20 cts.; \$2.00 per dozen.

**SEDUM.** (Stone Crop.) An easily grown and useful class of hardy plants which can be used to advantage in poor, or rocky soil, otherwise barren.

—**Acre.** (Golden Moss.) Very dwarf and compact, largely used for edging or for covering graves. Foliage green, flowers bright yellow. 15 cts.; \$1.50 per dozen.

—**Coccineum.** Dwarf; crimson flowers. 15 cts. each; \$1.50 per dozen.

—**Spirium.** 6 inches. Attractive pink flowers. 15 cts. each; \$1.50 per dozen.

—**Spectabilis.** Of upright growth, 15 to 18 inches high. Foliage rounded, thick and rubbery, crowned with massive flat cymes of light rose-colored flowers. 20 cts.; \$2.00 per dozen.

—**Brilliant.** A new form of above, with dark crimson flowers. 25 cts.; \$2.50 per dozen.



Sedum Spectabilis



S &amp; H ©

Stokesia

**Stokesia Cyanea.** (Stoke's Aster)

Flowers of Centaurea shape, often 4 to 5 inches across. 1½ to 2 feet. July on. **Blue.** 20 cts. each; \$2.00 per dozen.

**Thalictrum Dipterocarpum.**

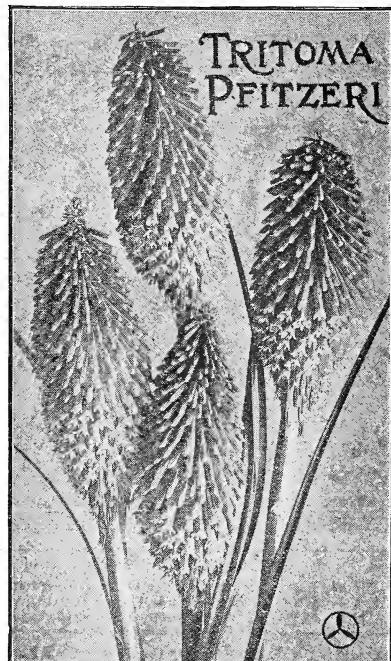
(Meadow Rue.) A graceful border plant growing about 4 feet high, with pretty, fine-cut foliage and a profusion of flower sprays during August and September. Color lilac-mauve, brightened by a bunch of lemon yellow stamens and anthers. 30 cts. each; \$3.00 per dozen.

**Tritoma Pfitzeri.** (Red

Poker.) Of perfect form; brilliant scarlet, the opened lower petals merely, being rimmed with orange. Rush-like foliage supports smooth, thick flower stalks a yard long, with a single fiery cone at the top. July-Sept. 25 cts.; \$2.50 per dozen.

—**Quartiniana.** A strong grow-

ing, thick-stalked variety bloom-ing late in May with cones 10 to 12 inches long. Orange red at first, but maturing yellow on bot-tom half. 30 cts.; \$3.00 per doz.



**Tradescantia Virginica Alba.** (Spiderwort.) Richly green foliage and white blossoms an inch wide; in bloom all summer. 2 feet. 20 cts.; \$2.00 per dozen.

**Veronica Longifolia Subsessilis.** (Speedwell.)

A 2 foot border plant with attractive foliage of dis-tinct character, a roughened bronze-green. Flowers are borne abundantly during July and August, in long, compact spikes. Deep indigo blue. (See front cover.) 25 cts. each; \$2.50 per dozen.

—**Incana.** 1 foot. Short spikes of amethyst blue flowers, foliage silvered. 25 cts.; \$2.50 per dozen.

—**Spicata Rosea.** 1½ feet. Long spikes of pretty pink flowers in June and July. 30 cts.; \$3.00 per dozen.

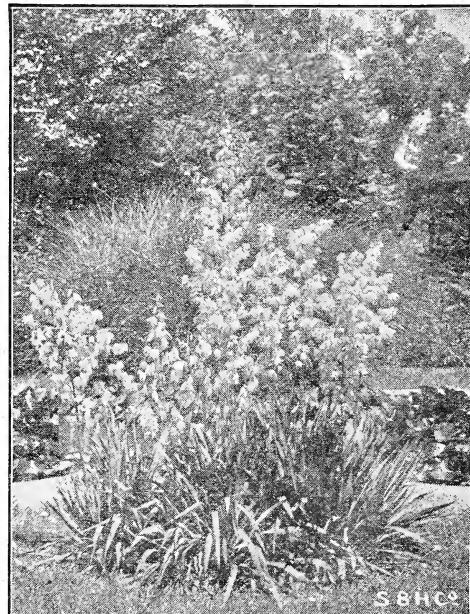
**Valeriana Coccinea.** Showy heads of reddish pink flowers, in long, upright, dense panicles. These are excellent for bouquets as well as for edging. June to October. 2 feet. 20 cts.; \$2.00 per dozen.

—**Rubra.** A trifle taller than the other variety, show-ing more red and in looser panicles; same price.

**Yucca Filamentosa.** (Adams Needle or Spanish Bayonet.) A stately foliage and flowering plant, always conspicuous. The broad, sword-like foliage is evergreen; supporting a showy display of pen-dant creamy-white bells. 25 cts.; \$2.50 per dozen.



Tradescantia Virginica



Yucca Filamentosa



All Shrubs are Priced for Freight or Express, Except Where Specially Stated "Mail Size"

Please bear this in mind when ordering, it is important. We pay postage on everything offered in "Mail Size"—which is quite small and light enough for mailing in limited quantities. But the sizes offered by height are too large to mail, and must be sent by express or freight at customer's expense.

**ALMOND.** Spring flowering shrubs, gaily in full bloom before the leaves appear. Their growth is dwarf, bushy and compact; slender branched; when in bloom completely hidden by beautiful, double flowers of rose or white, snuggling tight to the twigs.

—**Double White and Double Pink.**

3 to 4 feet—\$1.00 each; \$9.00 per 10.



**ALTHEA.** (Rose of Sharon.) Bloom late in August and September, with a profusion of large and brightly colored flowers much like the tender Hibiscus in form. Grown in standard form, they attain 10 to 12 feet in height and make attractive specimens; their foliage being particularly pleasing. Planted more compactly and occasionally pruned, they are both serviceable and showy as hedges.

—**Tree form, Paeoniaflora** (red and white Peony flowered), and **Purpurea** (light purple). 4 to 5 feet, \$1.00 each; \$9.50 per 10.

**Althea, Bush form—Double Rose, Double White, Double Purple, Double Red and Double Striped.**  
2 to 3 feet—50 cts. each; \$4.00 per 10. Mail size,  
3 to 4 feet—65 " " 6.00 " 120 cts. each.

**ARALIA PENTAPHYLLA.** Long, slender, gracefully arching branches and bright green, compound foliage. Makes a small tree in time, especially attractive on rocky slopes. Greenish white flowers in long umbels. 2 to 3 feet—60 cts. each; \$5.00 per 10.

**ARONIA.** (Chokeberry). Attractive, perfectly hardy shrubs preferring moist location, but equally good in dry soil. Leaves are smooth, pale green, coloring vividly to red in fall. Flowers are a tinted white in numerous small corymbs, succeeded by conspicuous, persistent berry-like fruits.

—**Arbutifolia.** Upright, 6 to 10 feet; very pretty in April and May with an abundance of white flowers; its red fall fruits carrying well into winter.

2½ to 3 feet—80 cts. each; \$7.00 per 10.

—**Nigra.** (Black Chokeberry.) Dwarfer, seldom reaching 6 feet. Its flowers are slightly tinged with red, and its fruits ripen to a shiny jet black.

3 to 4 feet—70 cts. each; \$6.00 per 10.

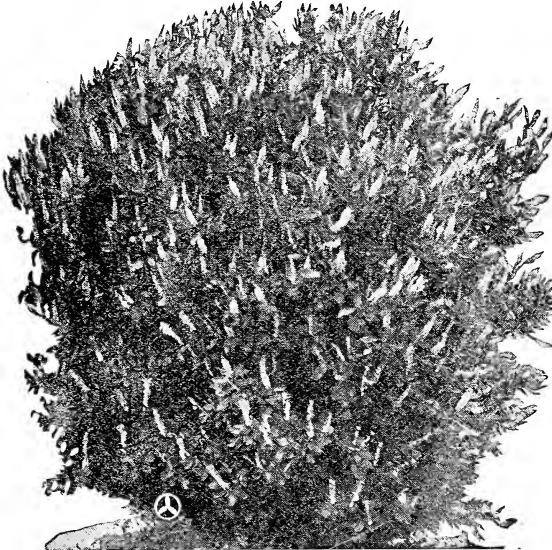
**BERBERIS Thunbergi.** (Japan Barberry.) There is no shrub in existence so generally planted or more practical for all purposes where beautiful foliage effect is desired than this. It is dwarf growing, uniformly bushy and rounded in form, susceptible to formal pruning, with small, numerous leaves densely covering the thorny twigs. These give it paramount importance for use as a filler, and edging for shrubbery groups; as a foundation screen in front of porches; and, above all, as a compact, impassable, hardy, low hedge for confining lawns or dividing properties. As dainty in character as Maiden Hair fern, the foliage throughout spring and summer graduates from brightest to richest green; while autumn makes them blaze with crimson-scarlet and gold. Following the close-set, small flowers of creamy white, are oval fruits which gleam redly along every branch in late fall and far into the winter.

15 to 18 in.—50 cts. each; \$4.50 per 10; \$40.00 per 100.  
1 year (10 to 12 in.) by mail—20 cts. each;  
\$1.75 per 10. By express \$12.00 per 100.

**Buddleia.** ("Butterfly Bush," "Summer Lilac")

One of the most admired and sought after shrubs in the trade. Of quick bushy growth; when the lovely bloom-spikes appear in July, the shrub, which had probably died down nearly to the ground during winter, is now a perfect specimen of about five feet; radiating a delightful perfume and glowing with the tints and flower shape of the Spring Lilacs.

—**Magnifica.** This variety is selected from several good sorts as being the hardiest for all sections. Flower spikes 10 inches in length by 3 in diameter are not unusual. Color deep violet-rose, with a pronounced orange center. Strong 2 year—50 cts. each; \$4.00 per 10. 1 year, mail size—20 cts.; \$1.80 per 10.



"Sweet Pepper Bush"

**CALICARPA PURPUREA.** A pretty shrub from 1 to 4 feet high, more at home south of the Ohio, but practical in the North if given a sheltered position and winter protection. It blooms profusely during August with small axillary clusters of pink flowers, these followed by berry-bunches colored a light violet. If top should freeze, young shoots will come up and flower and fruit the next season.

2 to 3 feet—60 cts. each; \$5.00 per 10.

3 to 4 feet—80 " " 7.50 "

**CALYCANTHUS.** (Carolina Allspice.) A unique shrub, growing rapidly upright to 6 feet, clothing its straight, strong, reddish brown shoots with large glossy leaves, from the axils of which spring odd, double, spicily fragrant flowers of chocolate-red. Mail size, 15 cts. 18 to 24 in.—50 cts. each; \$4.00 per 10.

2 to 3 feet—60 " " 5.00 "

**CARAGANA ARBORESCENS.** (Siberian Pea Shrub.) Grows 10 to 12 ft. high and makes a splendid show with its bright green, compound leaves, and numerous small clusters of yellow flowers. 2 to 3 feet—50 cts. each; \$4.00 per 10.

**CLETHRA ALNIFOLIA.** (Sweet Pepper Bush.) A handsome little shrub, delightfully fragrant in August and September when covered with long, showy wands of creamy white flowers. It is valuable for the front of the border, as it grows only 3 to 5 feet tall, and on account of its pleasing scent, is very popular in the little shrub groups so often planted in the corners made by the porch steps.

18 to 24 in.—60 cts. each; \$5.00 per 10.

2 to 3 feet—70 " " 6.00 "

**CEANOOTHUS****AMERICANUS.**

(New Jersey Tea.) Low erect shrub to 3 feet, with small ovate leaves, and a vast amount of short-lived bloom from July to Sept. Flowers are both terminal and axillary, in full loose foamy corymbs; pure white. A delightful complement of dwarf foundation groups.

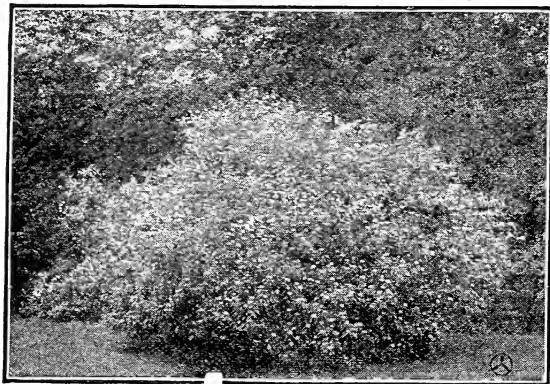
18 to 24 in.—75 cts. each; \$6.50 per 10.

**CEPHALANTHUS OCCIDENTALIS.** (Button Bush.)

Forms a dense rounded bush four to six feet high, especially adapted to damp locations; in July covered with large, fragrant, ball shaped greenish white flowers. 2 to 3 feet—60 cts. each; \$5.00 per 10.



Ceanothus Americanus



Cornus Paniculata

**CORNUS.** (Dogwood.) The shrubby Dogwoods are mainly valuable for the brilliancy of their barks and berries, and the handsome variegations of their foliage. All varieties do well in shade.

—**Sibirica.** Grows 6 to 10 feet high, with clusters of fine white flowers, succeeded by a fall crop of ornamental berries; stem and branches turning to blood-red in winter.

2 to 3 feet—50 cts. each; \$4.00 per 10.

3 to 4 feet—60 " " 5.00 "

Mail size,—20 " " 1.80 "

—**Lutea.** A striking yellow branched form of Stolonifera, very satisfactory for contrasting.

2 to 3 feet—60 cts. each; \$5.00 per 10.

3 to 4 feet—70 " " 6.00 "

—**Paniculata.** (Gray Dogwood.) One of the best sorts for tall shrub groups (6 to 15 feet). Showing a profusion of good sized white flowers in June. Berries white, on noticeable red stems. Bark and underside of leaves gray.

2 to 3 feet—50 cts. each; \$4.00 per 10.

3 to 4 feet—60 " " 5.00 "

—**Sericea.** (Silky Dogwood.) Usually dwarf growing with silky leaves, and dense cymes of greenish white flowers in early summer. Bark purplish, fruits black.

—**Stolonifera.** (Red Ozier Cornel.) Medium sized and spreading, dark red bark and white flowers, berries white. **Sericea and Stolonifera prices:**

2 to 3 feet—50 cts. each; \$4.00 per 10.

3 to 4 feet—60 " " 5.00 "

Mail size,—20 " " 1.80 "

#### DEUTZIAS.

Valuable, self-sustaining shrubs which vary considerably in height and habit, but bloom alike in dainty bell or tassel-shaped flowers borne thickly in wreaths along their branches in June. The taller sorts are useful for specimens, groups and the back-ground of shrubberies; the dwarfer, for borders or for planting near the house.



Deutzia Lemoinei

—**Candidissima.** Double pure white flowers.

—**Creñata, fl. pl.** Double white, striped pink.

—**Creñata Rosea.** Single, pale pink.

—**Watereri.** Tall growing; with large pink, flat flowers in loose racemes.

**Above 4 sorts:** Mail size, 20 cts.

2 to 3 feet—50 cts.; \$4.00 per 10; \$35.00 per 100.

3 to 4 feet—60 " 5.00 " 45.00 "

—**Gracilis.** (Slender Branched.) Dwarf growing, dense, bushy, its drooping branches wreathed with pure white flowers in May. Also valuable for winter blooming in pots. Mail size, 20 cts. each.

15 to 18 in.—50 cts.; \$4.00 per 10.

18 to 24 in.—60 " 5.00 " "

—**Lemoinei.** Large flowers of pure white borne in cone-shaped heads. Mail size, 20 cts. each.

1½ to 2 feet—60 cts. each; \$5.00 per 10.

2 to 3 feet—70 " " 6.00 "

—**Magnifica.** Erect panicles of Crenata type, double flowered, and a mass of bloom in June.

—**Venosa.** Leaves rough, flowers in numerous panicles, filaments slightly toothed; pure white.

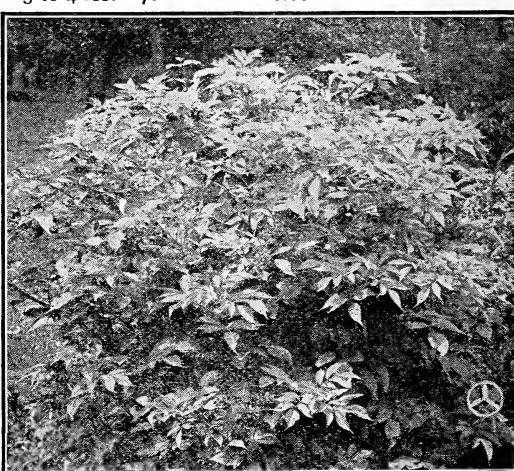
**Two** { 2 to 3 feet—60 cts. each; \$5.00 per 10.

**above** { 3 to 4 feet—70 " " 6.00 "

—**Pride of Rochester.** Grows 6 to 8 feet high; and blooms in May before the others. Flowers large and free, double white. Mail size, 20 cts. each.

2 to 3 feet—60 cts. each; \$5.00 per 10.

3 to 4 feet—70 " " 6.00 "



Golden Elder

**ELDER.** (Sambucus.) Although the Elders are attractive in flower and fruit, they are chiefly grown for their beautiful leaves. Tall growing and robust.

—**Acutiloba.** (Cut-leaved Am. Elder.) Great handsome cymes of delicate, white, fragrant flowers in June and July, followed by large clusters of fruit.

2 to 3 feet—60 cts. each; \$5.00 per 10.

3 to 4 feet—70 " " 6.00 "

—**Aurea.** (Golden Elder.) Contrasted with other shrubs, the golden yellow leaves of this European Elder give heightened effects in tone and color. Flowers white, in flat topped cymes. Grows naturally 10 to 15 feet, but can be pruned into a neat, compact little bush.

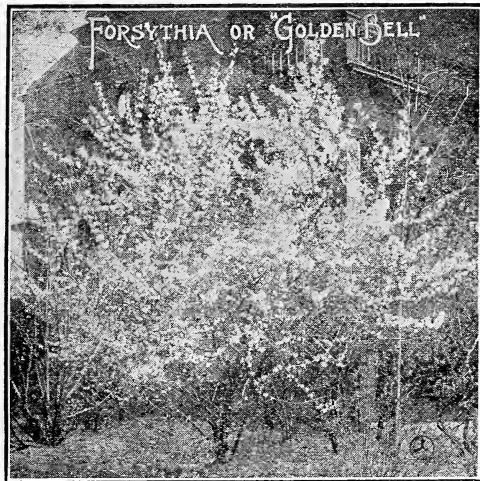
2 to 3 feet—70 cts.; \$6.00 per 10.

—**Canadensis.** (American Elder.) Immense flat topped cymes of white flowers in early summer; followed in August and September by luscious black fruits—the source of Mother's "Elderberry pie."

3 to 4 feet—60 cts. each; \$5.00 per 10.

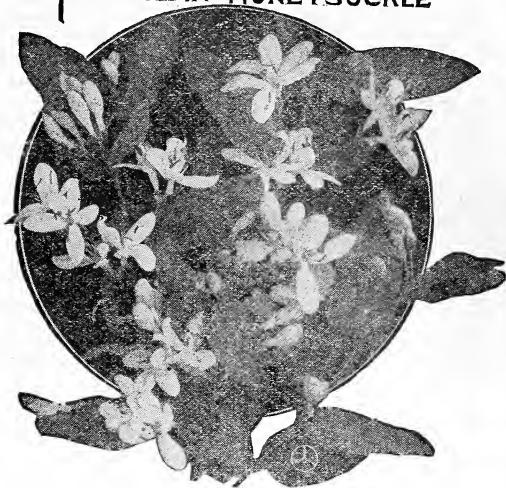
—**Racemosus.** (Red Berried.) Of somewhat stockier growth than the other varieties, with white flowers in cymes, followed by red fruits.

3 to 4 feet—75 cts. each; \$6.50 per 10.



FORSYTHIA OR "GOLDEN BELL"

## TARTARIAN HONEYSUCKLE



**ELEAGNUS LONGIPES.** (Japan Oleaster, "Silver Thorn.") A showy shrub of strong, bushy growth, with silver variegation in the lining of its leaves, which are dark green above. Its fragrant, creamy white blossoms open in April or May; the scarlet edible fruits hang thickly along its branches and are ripe in July. They make delicious sauces.

1½ to 2 feet—60 cts. each; \$5.00 per 10.  
2 to 3 feet—70 " " 6.00 "

**EVONYMUS ALATUS.** (Winged Burning Bush.) An 8 to 10 foot shrub, with corky winged branches; a fine shrub for solitary plantings, as well as for massing, the rich red and crimson of its leaves being very showy in Autumn. Mail size, 25 cts.; \$2.00 per 10.  
2 to 3 feet—85 cts. each; \$7.50 per 10.

**Bungeanus.** Tall growing shrub with slender branches and finely serrate 2 to 4 inch leaves. Flowers appear in numerous small forked cymes; succeeded by large, deeply lobed fruits which show pink, with white seeds and orange arils.

4 to 5 feet—90 cts. each; \$8.00 per 10.

**EXOCHORDA GRANDIFLORA.** (Pearl Bush.) It grows vigorously to a height of 6 to 10 feet, and can be trimmed to any desirable shape. The early buds look like pearls strung on slender threads, May opening them up to long, gleaming sprays of pure white. This is one of the showiest of the white flowering shrubs.  
2 to 3 feet—70 cts. each; \$6.00 per 10.

**FORSYTHIA.** (Golden Bell.) These splendid old shrubs, growing 8 to 10 feet tall eventually, light up the garden with glinting masses of yellow, very early in spring before the leaves appear.

**Intermedia.** The earliest blooming.

**Viridissima.** Brilliant green foliage.

**Fortunei.** Upright, best for individual specimens.

**Suspensa.** Very long curving branches, superbly adapted to covering arches and trellises.

**All Forsythias:**

2 to 3 feet—60 cts. each; \$5.00 per 10.) Mail size,  
3 to 4 feet—70 " " 6.00 " 20 cts. each

**BUSH HONEYSUCKLES.** (Lonicera.) The upright Honeysuckles have bright and pretty fragrant flowers followed by showy berries that last through the fall. Make very desirable and attractive hedges.

**Bella Albida.** A handsome new hybrid of strong growth. Flowers white, in great fragrant clusters, followed by attractive ropes of red berries, which remain all summer. 2 to 3 feet, 60 cts. each; \$5.00 per 10. 3 to 4 feet, 70 cts. each; \$6.00 per 10.  
Mail size, 20 cts.

**Fragrantissima.** Not a showy sort, but its early pink and white flowers are sweetly fragrant, and its foliage remains until late in winter, if somewhat sheltered. 3 to 4 feet—70 cts. each; \$6.00 per 10.

**Ruprechtiana.** A new early flowering variety with showy white flowers, well set with bright red berries in June. 2 to 3 feet—50 cts. each; \$4.00 per 10. 3 to 4 feet—60 cts.; \$5.00 per 10. Mail size, 20 cts. each.

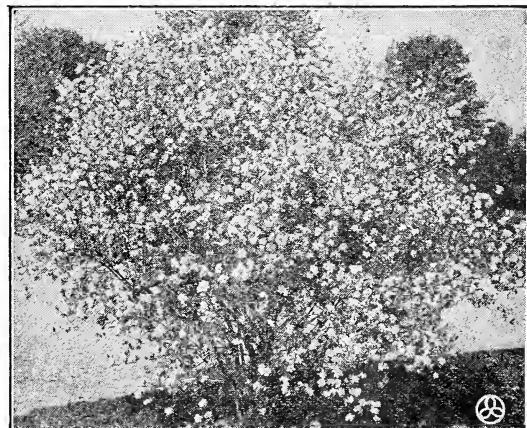
**Morrowi.** (Japanese Bush Honeysuckle.) A spreading variety growing 4 to 6 feet tall; blooms early in spring with pure white flowers, followed by pretty red berries. 2 to 3 feet—60 cts. each; \$5.00 per 10.  
3 to 4 feet—70 " " 6.00 "  
Mail size, 20 cts. each.

**Tartarica.** (Tartarian Honeysuckle.) A tall growing class attaining 8 to 10 feet if left unpruned, the red sort very bright in early summer with its flowers; all varieties resplendent during the fall with great quantities of red and orange berries.

**Grandiflora.** Deep rose pink flowers.  
2 to 3 feet—60 cts. each; \$5.00 per 10.  
3 to 4 feet—70 " " 6.00 "

Mail size, 20 cts. each.

**Alba.** Flowers blush white.  
2 to 3 feet—50 cts. each; \$4.00 per 10.  
3 to 4 feet—60 " " 5.00 "



Exochorda or "Pearl Bush"



Hydrangea P. G.

18 to 24 in.—70 cts. each; \$6.50 per 10.  
2 to 3 feet—80 " " 7.50 "

Mail size, 25 cts. each; \$2.00 per 10.

—**Paniculata Grandiflora.** Fine tall hedges, or if planted in rich soil and **severely pruned** every Spring before the leaf buds open, will get to be very dense, dwarf clumps of compact form, wonderfully attractive when laden with their massive white plumes. Large beds, kept at a uniform development, are extremely showy; first snowy white, then pink, then reddish bronze and green. August till autumn.  
18 to 24 in.—70 cts. each; \$6.50 per 10.  
2 to 3 feet—80 " " 7.50 "

Mail size, 25 cts. each; \$2.00 per 10.

—**Tree Shaped.** Very desirable in this form, in formal lines and backgrounds, or solitary.  
3 to 4 feet—\$1.25 each; \$10.00 per 10.

**ILEX VERTICILLATA.** (Black Alder or Winterberry.) A handsome deciduous form of Holly, of slow development to six or eight feet, at its best in moist soil. Although its small June flowers are numerous and foliage darkly lustrous, the sparkling masses of crimson fruits which appear in October represent its greatest charm and carry its value far into Winter. 1½ to 2 feet—75 cts. each; \$7.00 per 10.  
2 to 3 feet—85 " " 8.00 "

**LILAC.** (Syringa.)  
**Common Purple.**

Each	Per 10
2 to 3 feet	\$.50
3 to 4 feet	.60
4 to 5 feet	.85
Mail size	7.50
20 cts. each.	

—**Common White.**

2 to 3 feet	\$.075	\$7.00
3 to 4 feet	.85	8.00

—**S. Japonica.** (Japan Tree Lilac.) Grows to

30 feet and makes a beautiful lawn specimen. Flowers during June or July, creamy white in long plumes. Each Per 10  
3 to 4 feet...\$.075 \$6.50  
4 to 5 feet... .85 7.50

—**French Named.**

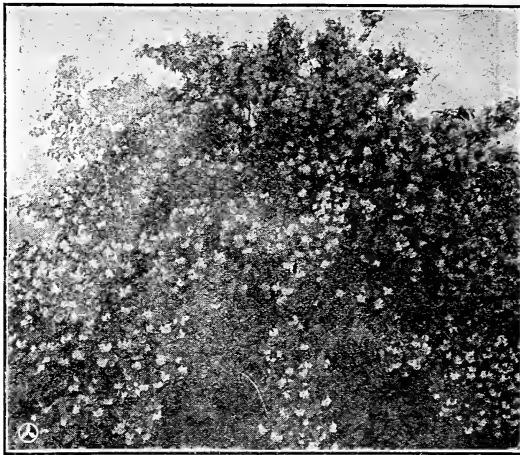
Improved budded sorts. The bushes are stockier, shorter, of slower growth and more tree-like than other types. In assortment: Each Per 10  
2 to 3 feet...\$.085 \$7.50  
3 to 4 feet... 1.00 9.00

#### HYDRANGEA.

The massiveness of bloom on these valuable shrubs assures them a place in every grouping where solid white effects are required.

—**Arborescens Grandiflora.**

(“Hills of Snow”) The flowers are, in a large way, similar to the familiar “Snowball” in appearance; conspicuously white and imposing. July to September.



A Bush of “Mock Orange”

#### PHILADELPHUS

(Syringa or “Mock Orange”)

The Philadelphus is one of the best and most popular old shrubs, the taller growing sorts largely used for hedges. The flowers are very profuse, similar to strawberry blossoms but larger, white with a rich creamy tinge imparted by the golden stamens.

#### NEW VARIETIES

**Dame Blanche.** A new Lemoine hybrid with small foliage, and upright branches set with quantities of semi-double, fringed flowers which are cream-white and very fragrant.

**Manteau d’Hermine.** Of very dwarf, drooping habit; branches long and slender, densely covered from base to tip with sweet scented double flowers.

**Mont Blanc.** Extremely fragrant and free flowering; medium size flowers of pure white in abundance, on slender, upright branches; tall. Above three new sorts, 2 to 3 feet, 85 cts. each; \$7.50 per 10.

**Aureus.** (Golden Syringa.) Valuable for contrastive grouping, and the best golden leaved shrub. 15 to 18 in.—65 cts. each; \$6.00 per 10.  
Mail size, 25 cts. each.

**Avalanche.** Large fragrant flowers on slender branches which arch gracefully to the ground. 2 to 3 feet—60 cts. each; \$5.00 per 10.  
Mail size, 25 cts. each.

**Flore-pleno.** Beautiful semi-double white flowers. 2 to 3 feet—60 cts. each; \$5.00 per 10.

**Coronarius.** (Garland Syringa.) A fine old form, 8 to 10 feet tall, that blooms among the earliest of the family, in very graceful sprays. Its large white flowers are delightfully scented. May.

**Grandiflorus.** Very large flowers in June.

**Gordonianus.** Best late bloomer. July.

Above three sorts:

2 to 3 feet—50 cts. each; \$4.00 per 10} Mail size,  
3 to 4 feet—60 " " 5.00 " 20 cts. each.

**Lemoinei Erectus.** Erect growing with small fine

foliage, and creamy white flowers in June.

2 to 3 feet—60 cts. each; \$5.00 per 10.

Mail size, 25 cts. each.

**Nivalis Inodorus.** Flowers snow-white, with creamy stamens. 3 to 4 feet—75 cts. each; \$6.50 per 10.

**Zeyheri.** Similar to Coronarius, but not quite so

tall; with a variable leaf construction, and quantities

of pure white flowers an inch and a half wide.

2 to 3 feet—60 cts. each; \$5.00 per 10.

3 to 4 feet—70 " " 6.00 "



**PRIVET (Ligustrum)**

Besides being one of our best hedge plants, various species of Privet form interesting groups on the lawn. They are almost evergreen; of dense compact habit. The flowers are fragrant, and are followed by pretty sprays of different colored berries.

—**Amoor.** (L. Amurens.) Of similar form and habit to the California type, not so shiny, but hardier. 18 to 24 in.—30 cts.: \$2.50 per 10; \$20.00 per 100. 2 to 3 feet—35 " 3.00 " 25.00 "

—**California.** (L. Ovalifolium.) A species of unusual beauty that has become the most popular of hedge plants. For groups and specimens it is equally pretty, and its shining leaves give it value for porch and terrace decoration when grown in standard form. Shears nicely to any shape.

12 to 18 in.—15 cts.; \$1.20 per 10; \$10.00 per 100; \$8.00 per 1000. 18 to 24 in.—25 cts.; \$2.00 per 10; \$12.00 per 100; \$90.00 per 1000. 2 to 3 feet—30 cts. each; \$2.50 per 10. \$16.00 per 100.

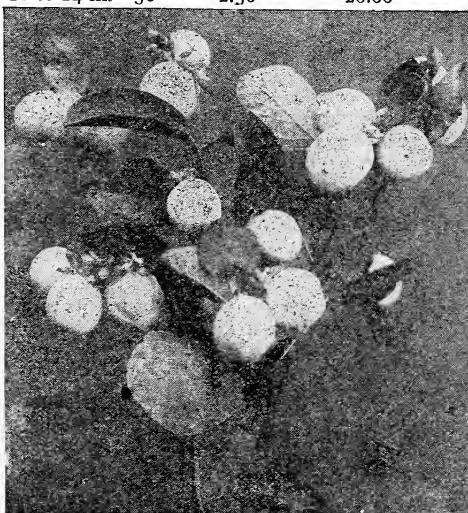
—**Ibota.** Spreading and tall growing, the hardiest of the group. Color grayish-green, fruits black. 15 to 18 in.—25 cts.; \$2.00 per 10; \$16.00 per 100. 18 to 24 in.—30 " 2.50 " 20.00 " Mail size, 20 cts. each; \$1.50 per 10.

—**Regels.** (L. Regelianum.) A dense shrub with stiff, twiggy horizontal spreading branches drooping at the ends. Mail size, 25 cts. each; \$2.00 per 10. 18 to 24 in.—50 cts. each; \$4.00 per 10.

**PRUNUS Pissardi.** (Purple-leaved Plum.) A distinct and handsome little tree, covered with a mass of small, white, single flowers in spring; later, with showy pinkish purple leaves that deepen in color to the end of the season. Mail size, 75 cts. each. 3 to 4 feet—85 cts. each; \$7.50 per 10. 4 to 5 feet—\$1.00 " 9.00 "

—**Triloba.** (Double Flowered Plum.) A charming shrub of vigorous growth. Very early in spring, before its leaves appear, the whole tree is decked in a fleecy cloud of double light pink blossoms. Its effect on a still leafless landscape is very bright. 3 to 4 feet—\$1.00 each; \$9.00 per 10.

**RHAMNUS CATHARTICUS.** (Buckthorn.) A dense twiggy bush, 6 to 10 feet high, with dark foliage relieved by masses of attractive white flowers in June and July. Makes a good, prunable hedge. 15 to 18 in.—15 cts.; \$1.40 per 10; \$12.00 per 100. 18 to 24 in.—30 " 2.50 " 20.00 "



Snowberries

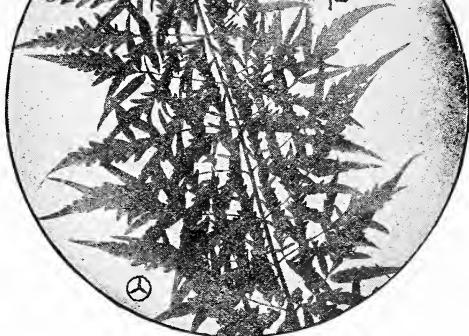
**RHODOTYPUS KERRIOIDES.** (White Kerria.)

An attractive shrub, 3 to 6 feet high, with good foliage and large, single white flowers late in May. The black seeds which follow are odd and showy.

2 to 3 feet—50 cts. each; \$4.00 per 10. 3 to 4 feet—60 " " 5.00 "

3 to 4 feet—60 " " 5.00 "

**Cut-leaved Sumac.**



**RHUS.** (Sumac.) Every lover of Nature thrills at recollection of the picturesque, gnarly, wind-bent rows of Sumac familiarized since childhood in many a romantic sky-line. And the woods, the hillside copses never blazed so redly as when autumn painted the Sumac leaves and brought forth its gorgeous fruits.

—**Aromatica.** (Fragrant Sumac.) Grows 2 to 4 feet tall; flowers yellow, in clusters along the stems, followed by red berries in June. Leaves color to brilliant scarlet. 2 to 3 feet—85 cts. each; \$7.50 per 10.

—**Glabra.** (Smooth Sumac.) Grows to a small tree with beautiful leaves which color brightly in Autumn; flowers in July followed by crimson or brown fruits. 2 to 3 feet—50 cts. each; \$4.00 per 10.

—**Laciniata.** A beautiful cut-leaved form of above, of rather dwarf bushy growth. 1½ to 2 feet—75 cts.; \$6.50 per 10.

—**Typhina.** (Stag Horn Sumac.) Picturesque and rugged in all stages of development to its small-tree maturity of about 30 feet. Its flowers are borne during June and July in dense terminal panicles, followed by impressive red fruits.

3 to 4 feet—60 cts. each; \$5.00 per 10.

—**Laciniata.** Similar to foregoing, except its leaves are deeply cleft, which, if bush is pruned to induce considerable bottom growth, mingles the various angled fronds in a delightful "fern" effect. 2 to 3 feet—65 cts. each; \$5.50 per 10. 3 to 4 feet—75 " 6.50 "

**SYMPHORICARPUS.** 3 to 5 feet. Highly valued for use in densely shaded situations and for the striking beauty of their bright persistent fruits.

—**Snowberry.** (S. Racemosus.) Inconspicuous, rose colored flowers in June and July; followed by large clustered, milk white fruits which remain far into winter. The combination of pink flowers and white berries on the same twig is charming.

2 to 3 feet—70 cts.; \$6.00 per 10.

3 to 4 feet—80 " 7.00 "

Mail size, 20 cts. each.

—**Indian Currant.** (S. Vulgaris.) Similar to the Snowberry except that its fruits are red, and that the smaller red berries cluster in thick ropes along the weighed-down stems. Mail size, 20 cts. each.

2 to 3 feet—60 cts.; \$5.00 per 10.

3 to 4 feet—75 " 6.00 "



Billardi

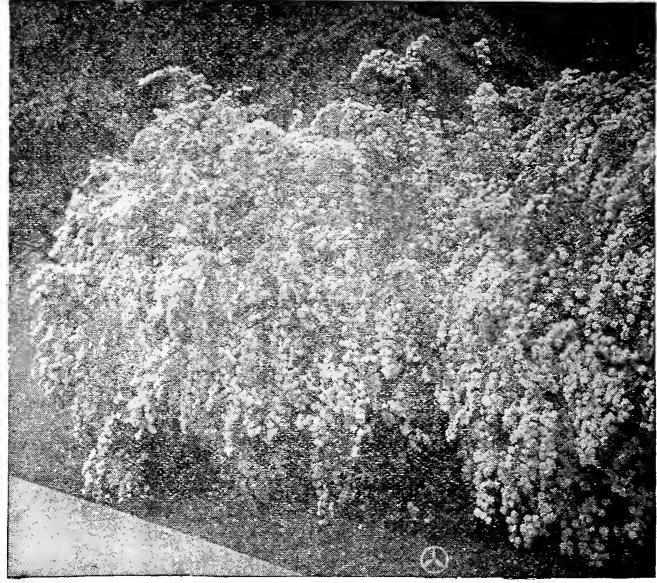
## SPIREA

All of the Spireas bloom with a riotous extravagance which makes them quite striking. Their individual style, color and habits of growth differ so markedly that a collection of varieties will ensure bloom the entire season and still evade the monotony of repetition.

### DWARF FORMS—2 to 3 feet

**SPIREA Anthony Waterer.** Dwarf, bushy, spreading type, of better habit than original Bumalda, and with larger corymbs brilliantly colored in rosy crimson. Very free flowering, at its best in late summer. This is practically the only good showy red flowered shrub sufficiently dwarf to be used in foundation plantings or the low front row of shrub groups.

12 to 15 in.—60 cts. each; \$5.00 per 10  
15 to 18 in.—75 " " 6.50 "  
Mail size, 20 cts. each.



Spirea Van Houtte

**Spirea Bumalda.** A spreading, low bush with dark leaves brightened by corymbs of pretty light pink flowers in May, and at intervals all summer.

15 to 18 in.—60 cts. each; \$5.00 per 10. } Mail size,  
18 to 24 in.—75 " " 6.50 " } 20 cts. each.

—**Callosa Alba.** Large flat clusters of white flowers nearly all summer;

15 to 18 in.—60 cts. each; \$5.00 per 10. } Mail size,  
18 to 24 in.—70 " " 6.00 " } 20 cts. each.

—**Froebeli.** Dwarf, and similar to A. Waterer, but a trifle taller than the type, with broader leaves. Bright crimson flowers in dense corymbs during July and August.

1½ to 2 feet, 60 cts. each; \$5.00 per 10. } Mail size,  
2 to 3 feet, 70 " " 6.00 " } 20 cts. each.

### TALLER SORTS—3 to 10 feet.

—**Atrosanguinea.** Of medium growth and small, bluish green foliage, blooming freely in pronouncedly hairy corymbs; deep pink.

3 to 4 feet—60 cts. each; \$5.00 per 10.

—**Billardi.** A narrow, dense shrub, 6 feet high, with dense panicles of rich pink flowers from July on.

2 to 3 feet—60 cts. each; \$5.00 per 10.

Mail size, 20 cts. each.

—**Douglasi.** Upright in growth to 7 feet, with reddish brown branches and narrow, oblong leaves. Bears spikes of beautiful deep rose-colored flowers in July.

2 to 3 feet—50 cts. each; \$4.00 per 10. } Mail size,  
3 to 4 feet—60 " " 5.00 " } 20 cts. each.

—**Fortunei.** Attains four to six feet of upright growth, with small flowers of varying pink shades set loosely in large, much compounded corymbs during June and July.

1½ to 2 feet—60 cts. each; \$5.00 per 10.

2 to 3 feet—70 " " 6.00 "

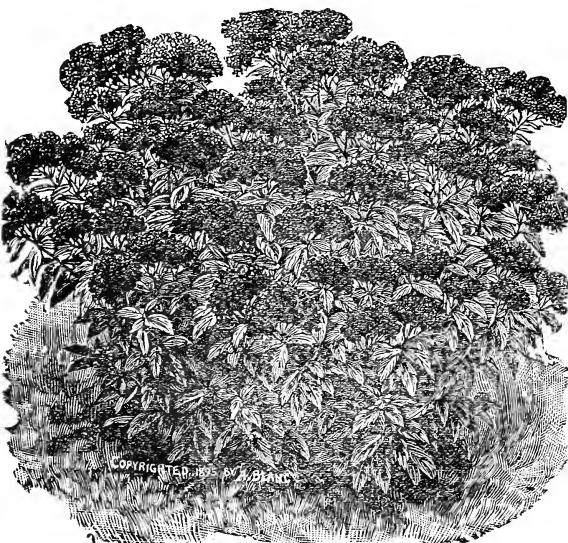
—**Margaritae.** A handsome, very free flowering type of medium height up to five feet; in bloom during July and August, with rather large, bright pink flowers in broad corymbs; and elliptic, serrated leaves at times tinged with purple.

2 to 3 feet—60 cts. each; \$5.00 per 10.

—**Prunifolia fl. pl.** (Bridal Wreath.) Plum leaved foliage. Blooms early, with small double white flowers.

2 to 3 feet—60 cts. each; \$5.00 per 10.

3 to 4 feet—75 " " 0.50 "



Spirea Anthony Waterer



### Spirea Thunbergii

**SPIREA Opulifolia.** (Nine Bark.) Growth upright, attaining 8 to 10 feet, although the white heavy flower umbels in June make the branches droop; old flower heads turn to dark red, and make a striking variety of colors at differing stages of maturity.

2 to 3 feet—50 cts. each; \$4.00 per 10.} Mail size,  
3 to 4 feet—60 " " 5.00 " } 20 cts. each.

**—Aurea.** (Golden Spirea.) Of similar habit to above, with young foliage of bright yellow changing to golden bronze in the fall.

2 to 3 feet—60 cts. each; \$5.00 per 10.  
3 to 4 feet—70 " " 6.00 "

Mail size, 20 cts. each.

**—Reevesiana.** Tall and graceful, with dark bluish green lanceolate foliage; and large, pure white double flowers in May and June.

2 to 3 feet—50 cts. each; \$4.00 per 10.

**—Rosea Superba.** Flat panicles of the Callosa type, bright rose, medium height.

1½ to 2 feet—40 cts. each; \$3.00 per 10.  
2 to 3 feet—50 " " 4.00 "

**—Salicifolia.** (Willow Leaved Spirea.) Grows upright to 5 feet. A charming native variety revealing still another distinct foliage type, with crowded panicles of pink flowers in mid-summer.

3 to 4 feet—60 cts. each; \$5.00 per 10.

**—Thunbergi.** Forms a dense, fluffy bush, 3 to 5 feet high; the foliage, which is a peculiar but pleasing shade of yellowish green, changing in autumn to bright red and orange. Flowers pure white, borne in feathery masses in early spring.

18 to 24 in.—60 cts. each; \$5.00 per 10.  
2 to 3 feet—70 " " 6.00 "

**—Tomentosa.** (Hardhack.) A valuable late blooming sort (July-Sept.) averaging about four feet in height; flowers of deep rose, or even purple, in dense, slender, feathery panicles.

2 to 3 feet—60 cts. each; \$5.00 per 10.

**—Van Houtte.** The grandest of all the Spireas, and one of the very best of all shrubs; a complete fountain of pure white bloom in May and June. The foliage and bush shape is attractively ornamental the year round.

2 to 3 feet—50 cts.; \$4.00 per 10; \$30.00 per 100.  
3 to 4 feet—60 " 5.00 " 40.00 "  
4 to 5 feet—75 " 6.50 " 50.00 "  
Mail size, 20 cts. each.

**STEPHANANDRA FLEXUOSA.** An attractive three foot shrub specially suitable for borders of other shrubs, and rocky banks. Branches angular, even zig-zagged, with handsome deep lobed foliage which colors to purplish red; and panicled racemes of white flowers in June. 1½ to 2 feet—50 cts. each; \$4.00 per 10.

**TAMARIX.** Tall growing shrubs, 8 to 12 feet high, with fine feathery foliage like that of the Juniper; small, usually pink flowers from April on. Splendid for seaside planting or other damp places.

**—Africana, Gallica, Indica and Purpurea.**

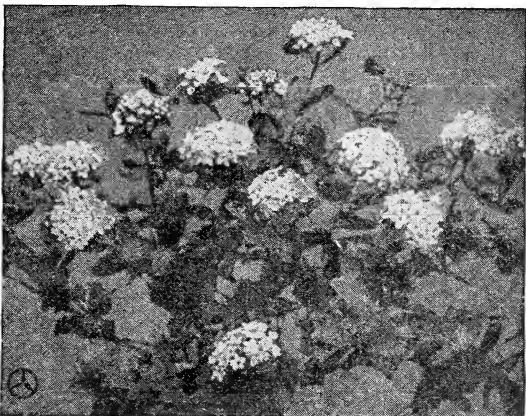
**—Odessana.** (Caspian Tamarix.) 4 to 6 feet. Exquisitely feathered foliage of silvery green, blooming in July and August with large loose panicles of lavender-pink flowers. Dwarfer growing, more bushy and spreading than the others.

Above { 2 to 3 feet—50 cts. each; \$4.00 per 10.  
Tamarix { Mail size, 20 cts. each.

### VIBURNUM

A showy group of shrubs ranging from 5 to 12 feet in height, blooming lavishly in Spring, and vividly brightening the Autumn aspect with gleaming fruits and richly colored foliage.

**Acerifolium.** (Maple Leaved Viburnum.) Slender branches, maple-like leaves, creamy white flowers in late spring, and black berries. Grows three to five feet high. 2 to 3 feet—75 cts. each; \$6.50 per 10.



### Viburnum Cassinoides

**Cassinoides.** Broad, flat topped panicles of creamy white in early summer, followed by pink berries which change to blue. 2 to 3 ft.—75 cts. each; \$6.50 per 10.

**Dentatum.** (Arrow-wood.) 8 to 12 feet. Bright green, heart-shaped leaves turning to purple and red; May and June flowers of creamy white.

2 to 3 feet—60 cts. each; \$5.00 per 10.  
3 to 4 feet—75 " " 6.50 "

**Lantana.** (Wayfaring Tree.) 10 to 15 feet. Beautiful wrinkled, Lantana-like leaves; white flowers in May and June. Fruits color unequally from crimson to black causing a most charming combination of colors, throughout the summer.

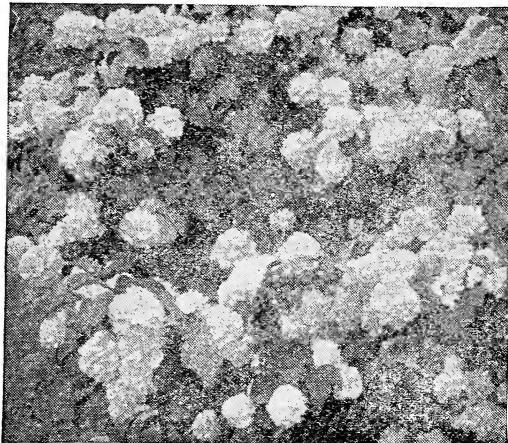
2 to 3 feet—60 cts. each; \$5.00 per 10.  
3 to 4 feet—75 " " 6.50 "

**Lentago.** (Sheepberry.) Grows to be a small tree 30 feet high. Flowers white in pretty cymes during May and June; fruit large, oval, blue-black.

2 to 3 feet—60 cts. each; \$5.00 per 10.  
3 to 4 feet—75 " " 6.50 "

**Plicatum.** (Japan Snowball.) Erect, compact, growing 6 to 8 feet. Purple tinted foliage, a solid mass of white in June.

2 to 3 feet—85 cts. each; \$7.50 per 10.



Common Snowball (V. Sterilis)

**VIBURNUM Opulus.** (High Bush Cranberry.) 8 to 10 feet. Handsome, dense, brilliant green foliage, a rich setting for large bunches of crimson berries which enliven the late summer and persist on bare branches into the winter. Mail size, 20 cts. each. 18 to 24 in.—50 cts. each; \$4.00 per 10.

2 to 3 feet—75 " " 6.50 "

**Sterilis.** The common "Snowball" which helps out so bravely for Decoration Day. Mail size, 20 cts. 2 to 3 feet—60 cts. each; \$5.00 per 10.

**Tomentosum.** Broad, ovate foliage of dark green, margined bronze. Flowers white; in wide, flat-topped clusters the outer petals of which are radiant. Berries red, changing to black.

2 to 3 feet—75 cts. each; \$6.50 per 10.

3 to 4 feet—85 " " 7.50 "

## WEIGELA

This splendid family of shrubs is one of the most useful, and is rarely omitted from any mixed group which will accommodate the height. Most varieties grow quickly to an ultimate height of about 6 to 8 feet, usually with long arching branches. During May, June and July, they bear a great profusion of bell-shaped flowers which closely hug the stems.



A Spray of Weigela

**Eva Rathke.** The most distinct and one of the most attractive varieties; flowers deep carmine red. 2 to 3 feet—85 cts. each; \$7.50 per 10.

Mail size, 35 cts. each.

**Floribunda.** A June blooming variety of tall growth; bright with small but numerous flowers, cinnabar red in the bud and crimson when opened. 3 to 4 feet—70 cts. each; \$6.00 per 10.

**Rosea.** This is one of the most popular of all the Weigelas; a tall growing, vigorous sort with deep pink flowers in the greatest abundance during June, and more sparsely at intervals throughout the summer. Mail size, 20 cts. each.

2 to 3 feet—60 cts. each; \$5.00 per 10.

3 to 4 feet—70 " " 6.00 "

**Rosea Nana Variegata.** Dwarf leaves, broadly margined creamy white; flowers pink. This variety is one of the most useful variegated leaved shrubs; and when the doubled beauty of bloom and foliage occurs, it is almost without a peer.

18 to 24 in.—60 cts. each; \$5.00 per 10.

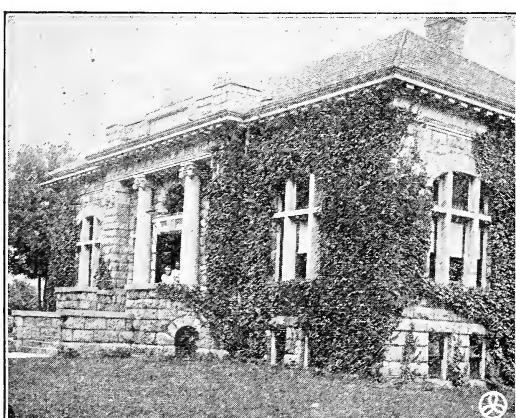
Mail size, 20 cts. each.

## HARDY ORNAMENTAL VINES CLIMBING



Except noted, all vines offered are 2 year olds.

Except noted, the each rate is alike for Mail or Express; 10 or 100 rate by Express.



Four Years' Spread of Boston Ivy

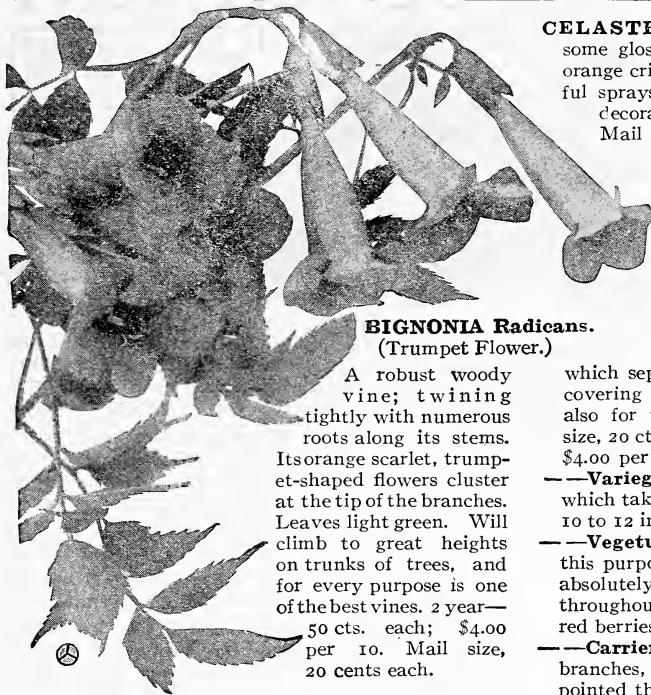
**AKEBIA Quinata.** A perfectly hardy, fast growing Japan vine, with magnificent foliage never attacked by insects; producing chocolate, purple flowers in large clusters, possessing a most delicious perfume; unsurpassed for covering trellises and verandas. 2 year—70 cts. each; \$6.00 per 10.

**AMPELOPSIS Quinquefolia.** (American Ivy, Woodbine, Virginia Creeper, etc.) Deeply cut leaves which turn to a beautiful crimson in fall; fine for covering trees, rocky slopes, walls, etc.

2 year—45 cts. each; \$4.00 per 10.

**Englemanni.** Similar to above, but with smaller denser foliage. 2 year—50 cts. each; \$4.50 per 10.

**Veitchi.** (Boston Ivy.) This is one of the finest hardy climbers we have for covering walls, as it clings firmly to the smoothest surface, covering closely with overlapping foliage, giving appearance of shingles. The color is a fresh deep green in summer, changing to the brightest shades of crimson and yellow in autumn. 2 years—25 cts. each; \$2.00 per 10. 3 years—50 cts. each; \$4.00 per 10; \$35.00 per 100. Extra heavy, 3 years—60 cts. each; \$5.00 per 10.



**BIGNONIA Radicans.**  
(Trumpet Flower.)

A robust woody vine; twining tightly with numerous roots along its stems. Its orange scarlet, trumpet-shaped flowers cluster at the tip of the branches. Leaves light green. Will climb to great heights on trunks of trees, and for every purpose is one of the best vines. 2 year—50 cts. each; \$4.00 per 10. Mail size, 20 cents each.

**"Trumpet Flower"**

**CLEMATIS.** Grand for pillars and trellises, pegged down for bedding and for running over rockwork, old trees and stumps. They delight in rich soil, and sun. Regret to advise we have none of the large flowered type to offer this season.

*Small Flowered Varieties.*

—**Coccinea.** A very handsome hardy climber, bearing small, thick, bell-shaped flowers of bright coral-red, in wonderful profusion from June until frost. Although not so rapid or extensive in growth, its small, rather shiny foliage is quite ornamental. Mail size, 50 cts. each; \$4.00 per 10.

—**Paniculata.** (Sweet-scented Japan Clematis.) The flowers are of medium size, fragrant, pure white, borne in immense sheets in September. 2 year—35 cts. each; \$3.00 per 10; \$20.00 per 100. Strong 3 year—70 cts. each; \$6.00 per 10. Mail size, 20 cts. each; \$1.50 per 10.



**Clematis Paniculata**

**CELASTRUS Scandens.** (Bittersweet.) Handsome glossy foliage and large clusters of beautiful, orange crimson fruits retained all winter. Its graceful sprays of berries make charming winter house decorations. 2 year—50 cts. each; \$4.00 per 10. Mail size, 20 cts. each.

—**Articulata.** (Japanese Bittersweet.) Very vigorous, woody climber with broad, almost circular leaves. Showy panicles of small flowers and brilliant clusters of orange-red fruits. 2 year—60 cts. each; \$5.00 per 10. 1 year—Mail size, 20 cts. each.

**EVONYXUS Radicans.** One of the finest evergreen vines, with small, rich green foliage, and pink fruits in cells

which separate and expose the scarlet arils. For covering rocky banks, rough walls, tree-trunks, etc., also for vases, baskets and borders of beds. Mail size, 20 cts. 12 to 15 inch (bushy) 50 cts. each; \$4.00 per 10.

—**Variegata.** Foliage edged with creamy white, which takes on a pinkish tinge in winter. 10 to 12 in.—60 cts.; \$5.00 per 10. Mail size, 20 cts.

—**Vegetus.** Essentially a low-wall cover. For this purpose it is unsurpassed; being close-covering, absolutely hardy, glossily evergreen, and bright throughout most of winter with its persisting orange-red berries. 1 year—30 cts.; 2 years, 50 cts.

—**Carrierei.** A low, climbing shrub with spreading branches, with short shiny leaves larger and more pointed than Radicans. 18 to 24 in.—60 cts. each; \$5.00 per 10.

**KUDZU VINE.** Large foliage and dense shade, growing 50 feet in one season. Flowers plentiful in August; rosy-purple, pea-shaped—in small racemes. A truly remarkable, handsome and serviceable porch vine wherever it is hardy enough to withstand the cold winters. Not reliably safe north of the Ohio river. 30 cts. each; \$2.50 per 10.

**LONICERA.** (Honeysuckle.) Their vinining qualities are all that can be desired, but the delightful fragrance of their flowers makes their strongest bid for favor. The Honeysuckle perfume is remembered and loved throughout the world.

—**Aurea Reticulata.** (Golden-leaved Honeysuckle.) Flowers yellow and fragrant. 50cts. each; \$4.00 per 10.

**Belgica.** (Monthly Fragrant.) One of the prettiest, with numerous sprays of red and yellow. 60 cts. each; \$5.00 per 10.

—**Halleana.** (Hall's Japan Honeysuckle.) Color, an intermingling of white and yellow; extremely fragrant and most satisfactory. 50 cts. each; \$4.00 per 10. Mail size, 20 cts.

—**Sempervirens.** (Scarlet Trumpet Honeysuckle.) Trumpet-shaped flowers of bright scarlet. 60 cts.

**LYCIUM CHINENSE.** (Chinese Matrimony Vine.) A general utility hardy climbing vine that will overcome any obstacle to growth and flourish everywhere. Every new shoot produces handsome purple flowers and later a prodigious crop of scarlet berries nearly an inch long. 50 cts. each; \$4.00 per 10. Mail size, 20 cts. each.

**WISTARIA.** One of the handsomest subjects for use on pergolas, porches and trellises; with attractive foliage and magnificent dense, drooping clusters of pea-shaped flowers, crowning the top.

—**Sinensis.** Blue. Panicles about 12 inches long. 2 year, 75 cts.; \$6.50 per 10. 1-year, Mail size, 40 cts.

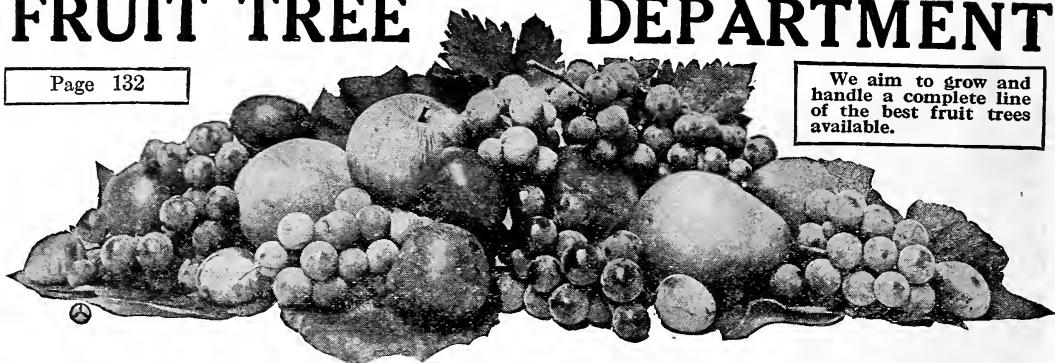
—**Alba.** White. 2-year, 75 cts.; \$6.50 per 10. 1-year, Mail size, 40 cts.

—**Magnifica.** Lavender-purple. 2-year, 60 cts.; \$5.00 per 10. 1-year, Mail size, 25 cts.

# FRUIT TREE DEPARTMENT

Page 132

We aim to grow and handle a complete line of the best fruit trees available.



**Prospective customers will please note that: Owing to cessation of importations account of Federal Quarantine No. 37, and scarcity of experienced labor nursery propagation and development of Fruit Trees has been greatly reduced. Stock of many varieties is available only in small quantities. The earliest cash orders get the goods in rotation, as long as supply lasts.**

**Filling Orders.** We are in position to fill orders for stock in this department as soon as this catalogue reaches you. If your order is accompanied by at least 25 per cent of full amount, we will at once assemble the fruit or other trees then in storage, and **"set aside"** under your name until the date set or weather conditions permit, for shipping. Naturally, stock not "in cellar" must await suitable digging weather.

**SUBSTITUTION.** We reserve the right, in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with correct name)—unless the party ordering says "No Substituting;" in which case we will fill order as completely as we can and refund balance of remittance.

**Shipments.** We have the largest frost-proof storage cellars in the business, which every winter harbor switch, car-load shipments at any time without danger of injury to stock. We can load under their cover and on our private switch, car-load shipments at any time without danger of injury to stock. But less-car-load shipments must naturally wait the breaking up of severe winter. No nursery provides better materials or greater care in packing than ours. Just as early as we can safely let them go, early delivery orders are rushed out; and we work hundreds of men day and night to avoid unnecessary delay for our

**BY FREIGHT OR EXPRESS.** Every article not specially priced "Mail size" is priced for delivery by Freight or Express, packed free, but customer to pay transportation charges. All heavy trees in large amounts should be sent by freight if time is not too urgent, as the carrying charge is much less; and our perfect packing admits a long journey without injury to the trees. For shipments of medium weight, would suggest express delivery; thus avoiding, by quick delivery, the suspense attending the slower freight.

**NO MAIL SIZE FRUIT TREES.** Contrary to custom, you will note we have abandoned the offering of Mail Size Fruit Trees—for this year, at least.

**Terms.** Net cash with order. No discounts allowed. **more of one variety and size at 10 rates; 25 or more (not less than 5 of one variety and size) at 100 rates. REMEMBER THAT WE EMPLOY NO AGENTS, and are responsible only for orders sent to us through the mail or delivered in person.**

**DESCRIPTIVE CATALOGUE No. 1.** A complete edition of one of the most comprehensive nursery catalogues published, profusely illustrated with half tone cuts made from photographs of desirable specimens, containing 112 pages, giving full description of Fruit and Ornamental Trees, Small Fruits, Grapevines, Shrubs, Roses, etc., directions for planting, etc., will be mailed on receipt of 10 cents.

**Non-Warranty.** While we hold ourselves in readiness, on proper proof, to replace free of charge all trees, etc., that may prove untrue to label, or refund the amount paid, we give no warranty expressed or implied as to description, quality, productiveness or any other matter of any Nursery stock, seeds, bulbs or plants we sell.

**Our Guarantee.** All goods are guaranteed to reach you in good condition; mistakes, if made, and notify us at once should there be any errors, and the carrier as well, if any damaged stock. This guarantee not good unless above requirements are complied with. We do not guarantee growth. Remember a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes, drinks and feeds and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition.

**GRADE.** Please understand that "grade" and "class" refer to size. It would be very expensive and almost impossible to sort fruit trees to an exact height; they are therefore given a flexible grade, such as 3 to 4 feet, etc. When we list medium grade Apples as 4 to 5 feet, we are allowed one foot for variation. If you should order the maximum of five feet, the grade would change to first class, which is 5 to 7 feet, at a higher rate.

**CERTIFICATE OF INSPECTION,** issued annually by the Ohio Dept. of Agriculture, showing freedom of our stock from San Jose Scale and other injurious insects and disease, will be attached to every shipment.

**GOOSEBERRY, Currant and WHITE PINE QUARANTINE.** Our customers **IN THE WEST** will please bear in mind that we are not allowed by the National Department of Agriculture to serve you in the matter of Currants, Gooseberries or Five-leaf Pines. Not that S. & H. stock is affected by "Blister Rust," but because Quarantine No. 26 arbitrarily excludes these articles from entrance into the territory west of Minnesota, Iowa, Missouri, Arkansas and Louisiana. Blister rust has broken out in several eastern states; so in order to protect the great Pine forests of the west, this dead line has been stretched across the states with severe penalties for non-compliance. Please help us nurserymen to observe the law, by not ordering.

**QUOTATIONS.** We will be pleased to quote prices to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list, state definitely the number of each variety and size wanted.

**SPRAYING.** The best time to spray, and the best formulas to use, vary so much in different localities that we do not try to give tables and formulas in this catalogue. Bulletins can be obtained of your State Agricultural Experiment Station, that will give full information.

(Signed) **THE STORRS & HARRISON CO.**

**THE STORRS & HARRISON CO., Painesville, Ohio.**



# APPLES

HERE is a constantly increasing demand for high-quality fruit of all kinds, and in no class of fruit is this demand more noticeable than in Apples. With the proper selection of varieties and intelligent cultivation, there is no reason why the orchardist who makes a specialty of Apples should not have a business yielding him larger returns for the money and labor invested than almost any other horticultural industry. Where Apples are grown solely for home use, a wide range of varieties may be selected; and the extensive list of distinct kinds offered in our catalog afford the choicest varieties in all desirable types; and covering the entire range of ripening seasons.

Apple trees should be set 32 to 40 feet apart.

Those varieties following, preceded by a star (\*) are the Russian and hardier kinds.

**FILLERS.** Most commercial orchards are now planted with standard varieties, 40 feet apart each way. Quick, upright growing, early maturing varieties are used as fillers, planting between standards to make 20 ft. apart; fillers to be removed when the standard trees require the room (12 to 18 years). This requires 28 standard and 82 fillers to the acre. **We recommend for fillers:**—Yellow Transparent, Duchesse of Oldenburg, Grimes Golden, McIntosh and Wagener.

#### PRICE OF APPLES.

Standard Varieties, 5 to 7 feet	Each	Per 10	Per 100
" " 5 to 7 feet	\$0.85	\$7.50	\$65.00
" " 4 to 5 feet	.75	6.50	55.00
" " 3 to 4 feet	.60	5.00	45.00
<b>Special</b> —Baxter, Beitungheimer, Duchesse, Fameuse, King David, Liveland Raspberry, Maiden Blush, McIntosh, Ontario, Opalescent, Rambo, Rome Beauty, Spitzenburg and Wealthy.			
5 to 7 feet .....	1.00	9.00	80.00
4 to 5 feet .....	.90	8.00	70.00
3 to 4 feet .....	.80	7.00	60.00
<b>Crab Apples</b> , 5 to 7 feet .....	1.00	9.00	.....
" " 4 to 5 feet .....	.90	8.00	.....
<b>Dwarf Apples</b> —See list of varieties .....	1.50	13.50	.....

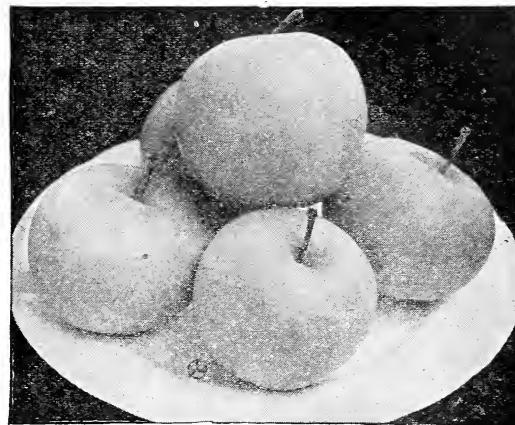
#### SUMMER APPLES

**Bough.** Large, pale yellow; tender, sweet.

**Early Harvest.** Medium, pale yellow, tender, juicy.

**Golden Sweet.** Large, pale yellow, very sweet.

**Liveland Raspberry.** Fruit good sized, clear, waxen white striped crimson; flesh snow white. Blooms late, is blight resistant, bears early, makes a good filler.



Yellow Transparent

\***Red Astrachan.** Large, beautiful deep crimson. A favorite, eating and cooking apple.

\***Red June.** A little later than Early Harvest. Medium size, yellow and red stripes, very good quality, good bearer. July to August.

\***Yellow Transparent.** Earliest and best; white, tender, juicy, sprightly, sub-acid. Grows rapidly, bears young, and makes a profitable "filler."

#### AUTUMN APPLES

**Autumn Strawberry.** Tender, juicy, productive.

\***Beitungheimer.** Large yellow, heavily shaded red; flesh white, juicy with a brisk sub-acid flavor.

\***Duchesse of Oldenburg.** Good size, yellow, streaked red, juicy, rich, sub-acid, productive.

**Fall Pippin.** Large, yellow, rich, aromatic.

**Gravenstein.** Large, striped, fine quality, one of the best fall sorts.

**Maiden Blush.** Large, beautiful, blush cheek.

**Munson Sweet.** Good size, yellow, red cheek.

**Rambo.** Medium, yellow, streaked red.

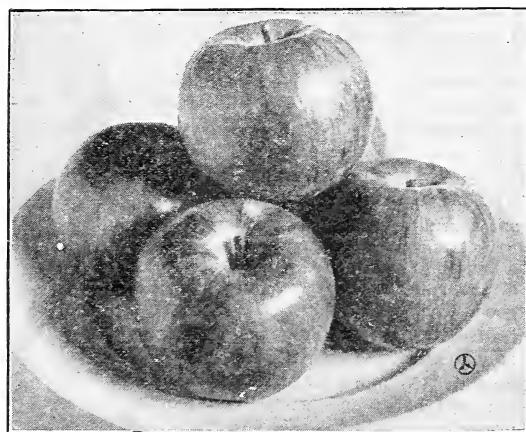
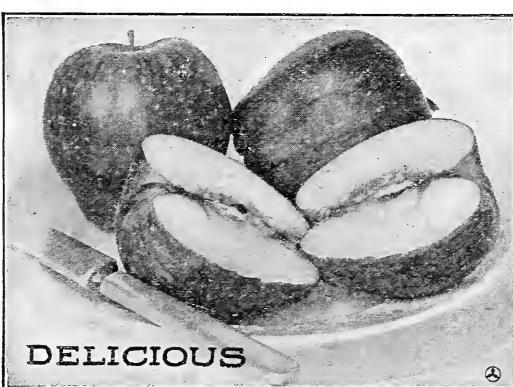
**Western Beauty.** Large, shaded bright red on pale yellow; crisp, tender, mild, sub-acid.

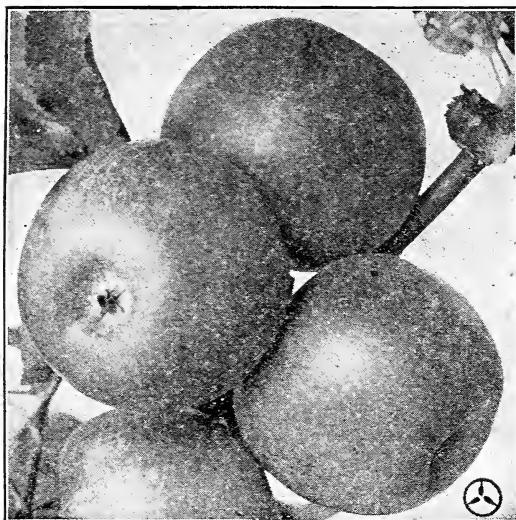
#### WINTER APPLES

\***Arkansas Black.** Large, deep red.

**Baldwin.** Large, bright red, crisp, juicy, rich.

**Banana.** Fine, vigorous grower, large healthy foliage, early bearer. Fruit medium to large, smooth and handsome, golden yellow usually shaded bright crimson; flesh fine grained, rich, sub-acid, aromatic, highest quality. One of the best dessert apples.



**Jonathan****WINTER APPLES—Continued**

**Baxter.** A strong, vigorous grower, immensely productive, very hardy. Fruit uniformly large, handsome, showy red, mild acid, fine quality.

**Ben Davis.** Large, handsome, striped.

**Delicious.** A remarkable variety rapidly taking first rank both for commercial and home orchards. Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp and melting, juicy, with a delightful aroma; of very highest quality. A splendid shipper, bearing annually.

**Fallawater.** Large, yellowish green, productive.

**\*Fameuse.** (Snow.) Medium, deep crimson, flesh white.

**\*Gano.** An improved Ben Davis, nearly covered red.

**Gideon.** Vigorous, early and prolific bearer. Medium golden yellow; fine juicy, sub-acid.

**Golden Russet.** Medium, dull russet, crisp, juicy.

**\*Grimes.** Good size, yellow, of highest quality.

**Hubbardston.** Large, red, striped, tender, juicy.

**King** (of Tompkins County.) Unusually large, red and striped, exceedingly productive.

**King David.** An improved Jonathan, as to color and productiveness, not quite as good quality. Medium size, dark red, a splendid shipper and keeper. Tree hardy, strong grower, comes into bearing young.

**Jonathan.** Medium; red, extra quality.

**\*McIntosh.** Medium, deep crimson, highest quality, juicy, sub-acid.

**Northern Spy.** Large, striped, mild sub-acid and tender, with a rich, delicious flavor.

**\*Northwestern.** (Greening.) Hardy, yellow; rich, of good size, extra long keeper.

**\*Ontario.** Large, yellow, nearly covered with bright red, juicy, sub-acid.

**Opalescent.** Color light, shading to very dark crimson; skin smooth, susceptible of a very high polish, reflecting objects like a mirror; flesh yellowish, tender, juicy and good. Dec. to March.

**Paradise Winter Sweet.** Large; creamy, rosy cheeked.

**Paragon.** (Mammoth Black Twig.) Large, dark red, hardy and productive, vigorous grower.

**Rhode Island Greening.** Large, greenish yellow, tender, juicy, rich, acid. The old reliable Winter cooking apple, and also good for dessert.

**Rome Beauty.** Large, yellow, shaded red; tender, juicy, sub-acid. A leader in Ohio River district.

**Stark.** Large, striped light and red, juicy, mild, sub-acid. An early and abundant bearer.

**Stayman Winesap.** Larger and more prolific than Winesap. One of the finest grown for appearance, flavor and juiciness; a favorite for cider.

**Twenty One.** Very large; yellow striped red.

**Tolman.** Medium, yellow and red, rich, **sweet**. The most valuable apple for baking, and otherwise fine.

**Wagener.** Good size, deep red in the sun; flesh firm, sub-acid, excellent. One of the earliest bearers.

**\*Wealthy.** Medium size, smooth, round, deep red; handsome and of fine quality. Oct. to Jan.

**Winesap.** Medium, deep red; firm, crisp, sub-acid.

**\*Wolf River.** Large, handsome; yellow, shaded and striped red, juicy, pleasant spicy flavor.

**York Imperial.** (Johnson's Fine Winter.) Medium to large; yellow, shaded red; firm, juicy, sub-acid.

**CRAB APPLES**

For preserving, jellies and ornament. All are unequalled for cider or vinegar. The trees are noted for their hardiness and vigor and usually bear the second season after planting.

Although these fruiting varieties are handsome trees, with very pretty, strong'y scented bloom; the strictly ornamental type is described and offered as "Flowering Crabs", under Deciduous Ornamental Trees.

**Florence.** The hardiest of all. When in full bloom or fruit an attractive ornamental tree. Fruit large. September.

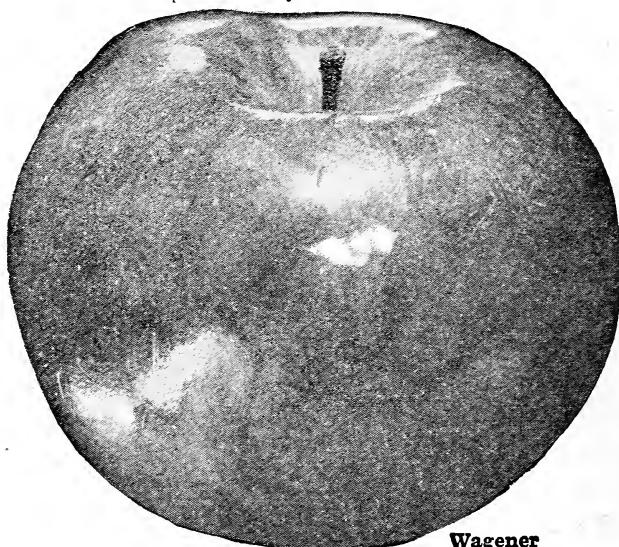
**Hyslop.** Large; deep crimson; one of the most beautiful; very popular. Oct. to Jan.

**Martha.** Beautiful, glossy yellow, shaded bright red, good size, mild, clear, tart. Oct.

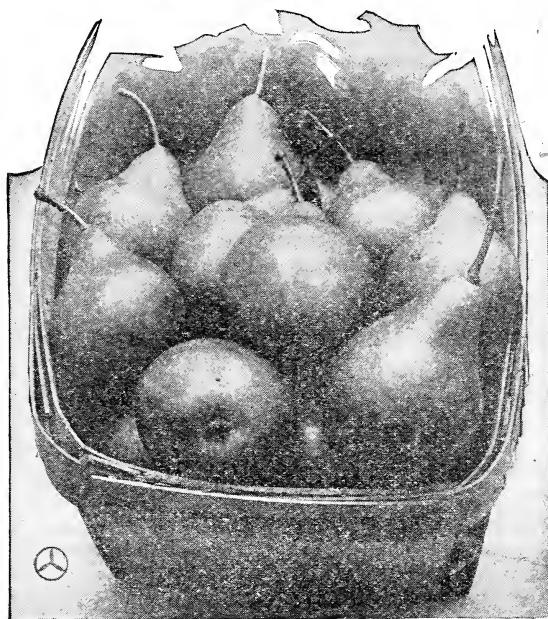
**Whitney.** One of the largest, glossy green, splashed carmine, firm, juicy, pleasant, great bearer; excellent for cider. August.

**DWARF APPLES**

Set trees 8 to 10 feet apart. Very productive, usually commence bearing the second year after planting. Excellently adapted to yard and small gardens. Can furnish: Baldwin, Banana, Delicious, Duchesse, Grimes, Rambo, Red Astrachan, Wealthy and Yellow Transparent—**only**.

**Wagener**

# PEARS

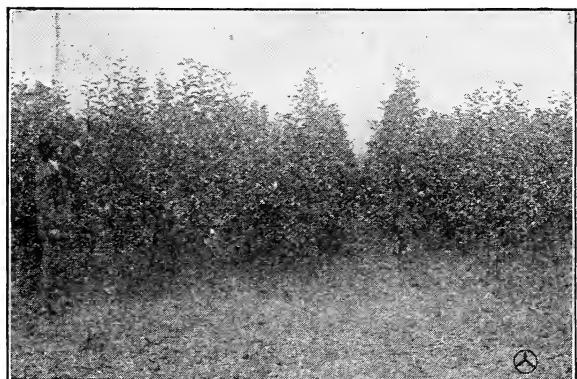


Bartlett

**T**HE Pear tree will grow on almost any good soil, but thrives best in a rather heavy clay or loam. Standards planted 18 to 20 feet apart, are best for permanent orchards; dwarfs at 10 feet intervals, for fruit gardens or small lots. Dwarfs must be planted deep enough to cover the junction of pear and quince 2 or 3 inches. Our pear trees are grown on heavy clay soil, especially well adapted to the production of strong, vigorous stock.

**Two very important points in Pear culture** are often neglected: the proper thinning and the gathering of the fruit. When the trees are heavily laden, the fruit should be thinned when about one-third grown, or it will be poor and the trees injured. Summer Pears should be gathered about ten days before they are ripe; Autumn Pears at least a fortnight. If, on gently lifting the fruit, the stem separates readily from the twig, it is ripe for gathering. Winter Pears may be stored in any dry cellar and kept until early summer; other varieties may be ripened on shelves in any cool, airy place.

All can be supplied as **standards**, and all varieties starred (\*) can also be supplied as **dwarf**.



A Block of 2 year Kieffers

## PRICE OF PEARS.

Standard—	Each	Per 10	Per 100
General List—	\$1.20	\$10.00	.....
5 to 7 feet.	1.00	9.00	.....
4 to 5 feet.	.90	8.50	\$75.00
<b>Kieffer</b> .....	.80	7.50	65.00
5 to 7 feet.	.90	8.00	.....
4 to 5 feet.	.80	7.00	.....
<b>Dwarf Pears</b> .....	.90	8.00	.....
4 to 5 feet.	.80	7.00	.....
3 to 4 feet.	.80	7.00	.....

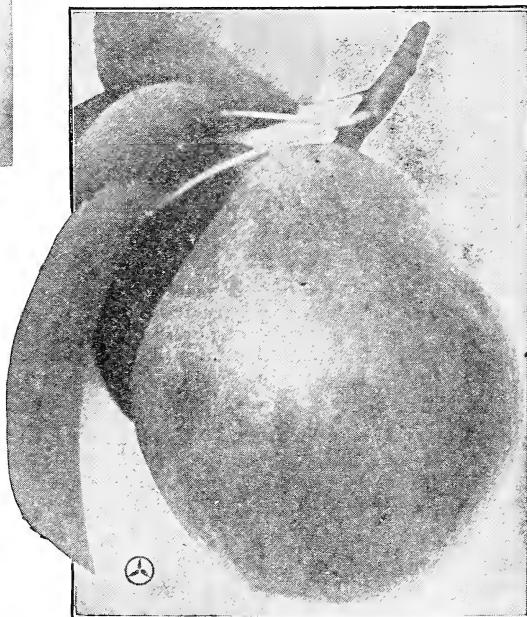
## SUMMER PEARS

**\*Bartlett.** Large, buttery, juicy, high-flavored, great bearer. This sort has long been considered one of the choicest canning varieties, as well as a favorite for all other uses. Aug.

**\*Clapp.** Very large, yellow and dull red, with russet specks, melting, rich. Aug.

**\*Wilder.** Small to medium, yellow, shaded carmine, fine grained, tender, sub-acid. Vigorous grower, early and annual bearer, very productive, good quality. Early Aug.

## AUTUMN PEARS



Flemish

**\*Anjou.** Large, buttery, melting, rich, vinous. The best late fall and early winter variety. Oct. to Jan.

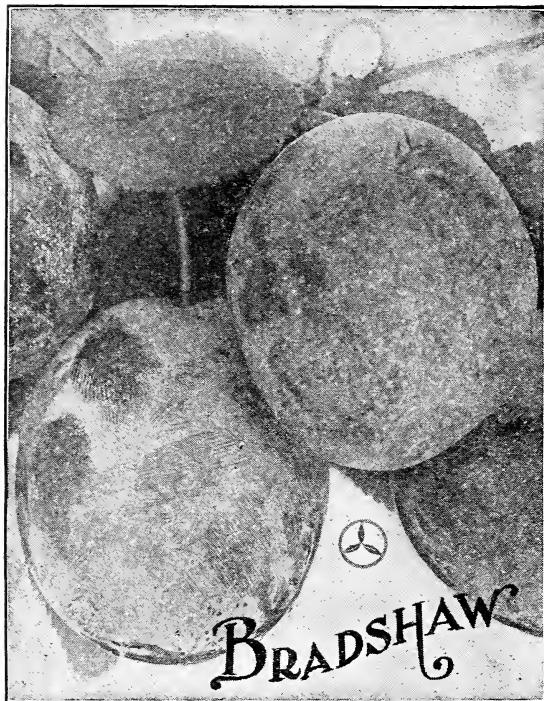
**\*Duchesse** (of Angouleme). Very large, buttery, rich, juicy, excellent. It succeeds to perfection and is the most popular market variety as a dwarf. Oct. and Nov.

**Flemish.** Large, juicy, rich, one of the hardiest and most popular. Sept. and Oct.

**\*Kieffer.** Its large size, handsome appearance and remarkable keeping and shipping qualities make it very profitable for market. Oct. and Nov.

**\*Seckel.** Small; skin rich yellowish brown, when fully ripe, with deep brownish red cheek, flesh very fine grained, sweet, exceedingly juicy, melting, buttery; one of the richest and highest flavored pears. Equally popular for dessert and pickling. Sept.-Oct.

**Sheldon.** Medium size; yellow, with a richly shaded cheek; flesh a little coarse, melting, juicy, with a very brisk, vinous, highly perfumed flavor; of first quality, Tree vigorous, hardy and productive. October.



## PLUMS

Annual sprayings with Bordeaux mixture keep away the leaf blight and fungus, and the thinning of too heavy crops of fruit prevents fruit rot. Plum trees are the best kind to set out in chicken yards; their full, rounded form furnishing abundant shade for the fowls, while the chickens obligingly eat up the brood of insects which threaten the health of the tree. The market for plums is rarely overstocked, and they bring good profitable returns. Set trees 16 to 20 feet apart.

### PRICE OF PLUMS.

	Each	Per 10
<b>European and Japan.</b> (2 year)		
5 to 7 feet.....	\$1.35	\$12.50
4 to 5 feet.....	1.25	10.00
<b>Burbank</b> (1 year on Peach.)		
4 to 5 feet.....	.80	7.00
3 to 4 feet.....	.70	6.00
<b>Purple Leaf</b> — <i>Prunus Pissardi</i> ,		
4 to 5 feet.....	1.00	9.00
3 to 4 feet.....	.85	7.50

### EUROPEAN PLUMS

**Arctic.** ("Moore's Arctic.") Small, purplish-black, juicy, sweet, immense bearer; one of the hardest in bud and bloom. September.

**Bavay's Green Gage.** ("Reine Claude.") Large, round-ovate; green, marked with red in the sun; hang long on the tree. One of the best foreign varieties. Late Sept.

**Bradshaw.** Large dark red, flesh green, juicy, productive, fine for market. Aug.

**German Prune.** Large, dark purple, sweet, good. One of the most popular for canning, because of its sweetness, and lack of aciduous "richness." Sept.

**Grand Duke.** Color of Bradshaw; fruit very large, of fine quality, free from rot; very productive. Tree moderate grower. Last Sept.

**Gueii.** Large bluish purple, flesh yellowish green, rather coarse; sweet, pleasant. One of the best market varieties. Sept.

**Imperial Gage.** Large pale green, juicy, sweet, rich and excellent. Aug.

**Italian Prune.** Good size, purple, juicy, delicious, fine for drying. Sept.

**Lombard.** Medium, violet red, juicy, good, hardy and exceedingly productive; probably the leading market variety, extensively used for making pies. Aug.

**Monarch.** Tree robust, dense foliage, and abundant bearer. Fruit very large, roundish, oval, dark purplish blue, perfect freestone. Follows Grand Duke in ripening. Oct.

**Pond.** A magnificent plum, red changing to violet, one of the most attractive. Sept.

**Shippers' Pride.** Large, dark purple, very showy, often measuring 2 inches in diameter; fine, juicy and sweet. Sept.

**Shropshire Damson.** Medium, dark purple, very productive; one of the best for preserving. Oct.

**Yellow Egg.** Very large, egg-shaped, productive, excellent for cooking. Aug.

### PURPLE LEAVED PLUM

**Prunus Pissardi** or **Purple Leaved Plum.** A small sized tree with very rich purple leaves, carrying their color through the season. One of the most desirable purple leaved trees or shrubs for ornamental planting. See also, "Prunus Triloba" under Shrubs on page 127.

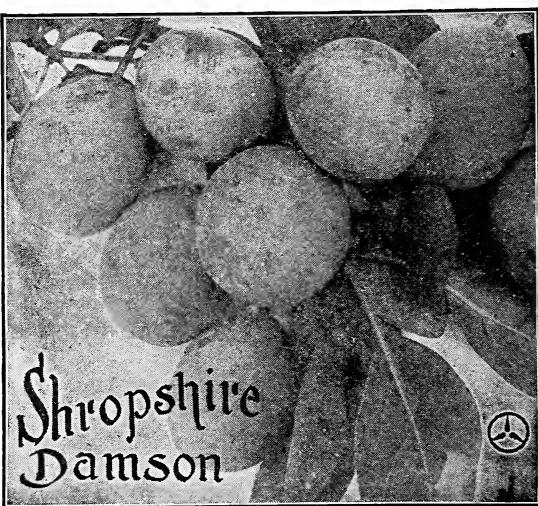
### JAPAN or ORIENTAL PLUMS

The Japanese Plums are strong growing ornamental trees with light green foliage and attractive bloom, wonderfully productive and usually commence bearing the second or third year after planting. Fruit of nearly all varieties are large, fine quality, with firm meaty flesh. They bloom very early; not adapted to sections subject to late spring frosts.

**Abundance.** (Botan.) One of the oldest and best Japanese varieties; hardy, productive. Fruit large, lemon yellow, with heavy bloom; good quality. Aug.

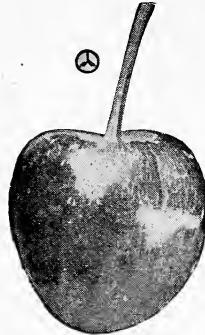
**Burbank.** Most profitable among growers for market; ripens 10 to 14 days after Abundance. Tree hardy, sprawling vigorous grower, unequaled in productivity; bears young. Fruit large, excellent quality; cherry red, with lilac bloom. Aug.

**Red June.** One of the vigorous, upright growers; productive; fair size, vermillion red; pleasant quality. Ripens a week before Abundance. Aug.

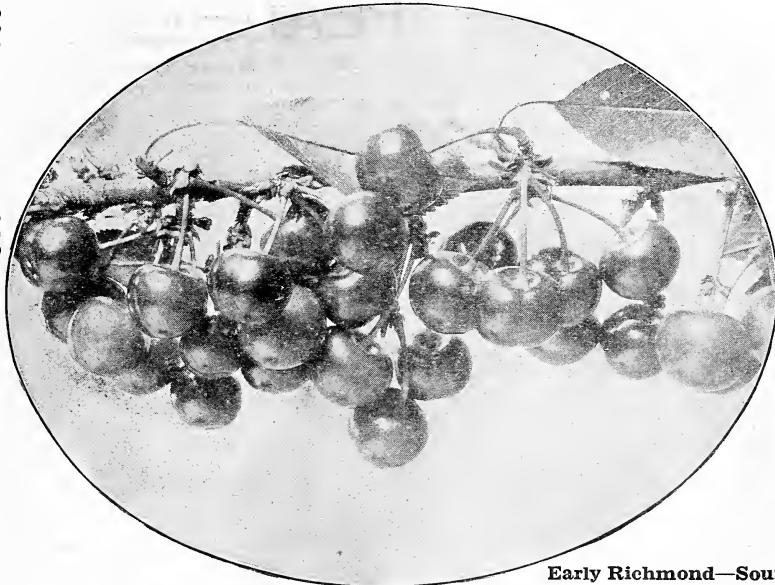


**COVER FRUIT  
COLLECTION.**

Attention is called to the splendid collection of Fruit Trees and Small Fruits on back cover. One each of Concord, Diamond and Brighton Grapes; Eldorado Blackberry and St. Regis Raspberry, for 90 cts.; or 3 of each for \$2.50.—by Mail.



Lambert



Early Richmond—Sour

## CHERRIES

Cherry trees are naturally hardy, succeeding best on sandy or gravelly loam, well drained. Avoid low or wet ground. **Sweet** varieties grow more rapidly and make larger pyramidal trees. Set trees 18 to 20 feet apart. The **Sour** varieties are dwarf and bushy, bear earlier, and are more largely planted. Set trees 15 to 18 feet apart.

A good Cherry Orchard is one of the most profitable ventures a farmer can undertake. With but little care, the trees are very thrifty and prolific, bearing large crops annually. The fruit is easily picked and it is always in great demand in its season, bringing prices to repay the investment and with fancy profits.

PRICE OF CHERRIES.	Each	Per 10	Per 100
<b>Sweet</b> , 5 to 7 feet.....	\$1.50	\$13.50	.....
“ 4 to 5 feet.....	1.35	12.00	.....
<b>Sour</b> , 4 to 5 feet.....	1.25	11.00	\$100.00
“ 3 to 4 feet.....	1.10	10.00	90.00

### SWEET CHERRIES

**Black Tartarian.** Very large, black, juicy. Last of June.

**Lambert.** Jet black when fully ripe. Flesh firm, solid, rich and juicy, with sprightly flavor. Tree rugged, strong grower, hardy, enormous bearer. Late July.

**Napoleon.** Large, pale yellow or red; firm, juicy, sweet and productive. July.

**Rockport.** Large, pale amber, light red in sun, sweet, good. Tree erect; beautiful. June.

**Schmidt.** Immense size, deep black, flesh dark, tender, very juicy, fine flavor; productive. July.

**Windsor.** Fruit large, liver-colored, distinct, flesh remarkably firm and of fine quality. Tree hardy and prolific. A valuable late variety. July.

**Yellow Spanish.** Large, yellow and red. June.

### SOUR CHERRIES

**Baldwin.** Large, round, slightly sub-acid, sweetest and richest of the Morello type. June.

**Dyehouse.** A sure bearer, largely planted for early market; ripening a week before Early Richmond, which it closely resembles. June.

**Early Richmond.** Medium, dark red, melting, juicy, sprightly, rich acid, best. June.

**English Morello.** Fair size, blackish red, rich acid, juicy, good. August.

**Hortense.** (Reine Hortense.) Large, bright red, juicy; mildest and sweetest in this class. July.

**Large Montmorency.** Large, red, productive, ten days later than Early Richmond. Late June. These two varieties are seldom absent from any Cherry orchard, large or small.

**Montmorency Ordinaire.** Large, red, acid, exceedingly productive. Late June.

**Ostheimer.** A perfectly hardy, late blooming, immensely productive variety. Large, heart-shaped, nearly black when ripe; juicy and rich. Aug.

**Wragg.** Very hardy, vigorous and productive, medium, dark purple, fine quality. Aug.

## NECTARINES

The Nectarine has a smooth skin like the plum, and requires the same treatment for curculio. It is like the peach in other ways and requires the same culture. Its pungent, sprightly flavor is reminiscent of both, but with an added deliciousness all its own. Set trees 16 to 18 feet apart.

PRICE OF NECTARINES.	Each	Per 10
4 to 5 feet.....	\$1.00	\$9.00
3 to 4 feet.....	.90	8.00

**Red Roman.** Large; roundish; greenish yellow, red cheek; flesh golden yellow; good flavor.

## MULBERRY

**Russian.** Very hardy, vigorous grower; valuable for feeding silk worms, etc. Fruit of small size, varies in color from white to black. 1 year, by mail, 75 cts. per 10; \$2.50 per 100; by express, \$2.00 per 100; \$15.00 per 1000.

PRICE OF MULBERRIES.	Each	Per 10
Russian, 5 to 6 feet.....	\$0.75	\$6.00
“ 4 to 5 feet.....	.60	5.00
“ 3 to 4 feet.....	.50	4.00

# PEACHES

THRIFTY orchards of virile, well-grown Peach trees have done much to bring wealth to many a farmer in the great Peach belts of Ohio and Michigan; and serve as living memorials to the virility, health and quality of the nursery stock sent out by "The Painesville Nurseries." Our nurseries have been the main source of supply during half a century, for hundreds of the finest Peach Orchards in the country. Aside from

the established policy of propagation, care and cultivation, the location of our propagating fields, close to and overlooking the health-giving waters of Lake Erie, and far removed from old orchards which might spread infection, probably has much to do with the unbounded success and popularity of our saleable trees.

Trees are all grown from Tennessee natural pits, free from insects, perfectly healthy, well ripened wood, with splendid roots, all stored in frost-proof cellars beyond injury during the winter.

Set trees 16 to 18 feet apart.

## The unsurpassed "Elberta"

PRICE OF PEACHES.	Each	Per 10	Per 100
4 to 5 feet.....	\$ .60	\$5.00	\$40.00
3 to 4 feet.....	.50	4.00	30.00
2 to 3 feet.....	.40	3.00	25.00
Rochester, 4 to 5 feet..	.70	6.00	50.00
"    3 to 4 feet..	.60	5.00	40.00
"    2 to 3 feet..	.50	4.00	.....

**Elberta.** Large, yellow, with red cheek; flesh yellow, firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. The leading market variety. Follows Early Crawford.

**Engle.** Large, yellow; resembles Late Crawford but more productive. September.

**Fitzgerald.** Fruit large; bright yellow, suffused with red; flesh deep yellow, best quality. September.

**Gold Drop.** Medium size, hardy, very productive, good quality, early bearer. Last September.

**Greensboro.** Double the size of Alexander, ripening at the same time. Flesh white, juicy and good. July.

**Carman**

**Banner.** Tree a good grower, exceedingly hardy in both wood and bud, bears young, is very productive. Fruit large, deep yellow with crimson cheek; flesh yellow, excellent quality, rich, firm; equal to any as a keeper and shipper. A profitable late market variety. Late Sept.

**Belle.** (Belle of Georgia). Very large; skin white with red cheek; flesh white, firm and of excellent flavor. Tree a rapid grower, very prolific. Ripens with Crawford's Early.

**Beers.** A large, yellow flesh peach, an improvement on Smock Free, which it resembles. Ripens a few days later and is a better annual bearer. One of the most desirable and profitable market sorts.

**Capt. E. E.** A handsome, large yellow peach of excellent quality; hardy in bud and blossom. Early September.

**Carman.** Large, resembles Elberta in shape; color, creamy white or pale yellow with deep blush, skin very tough, flesh tender, fine flavor and quite juicy. August.

**Champion.** A large, handsome early variety, creamy white with red cheek, sweet, rich and juicy. Hardy and productive. August.

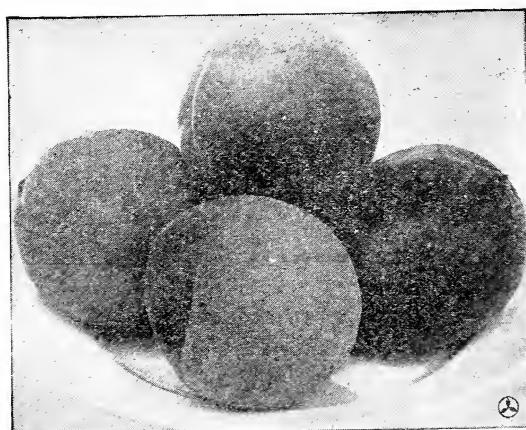
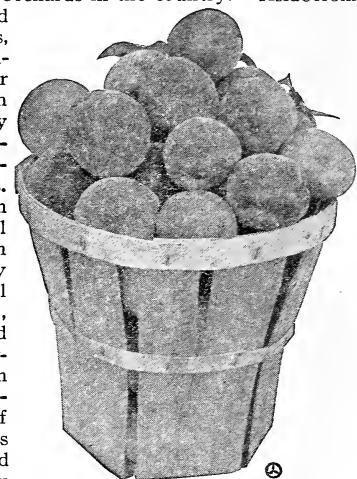
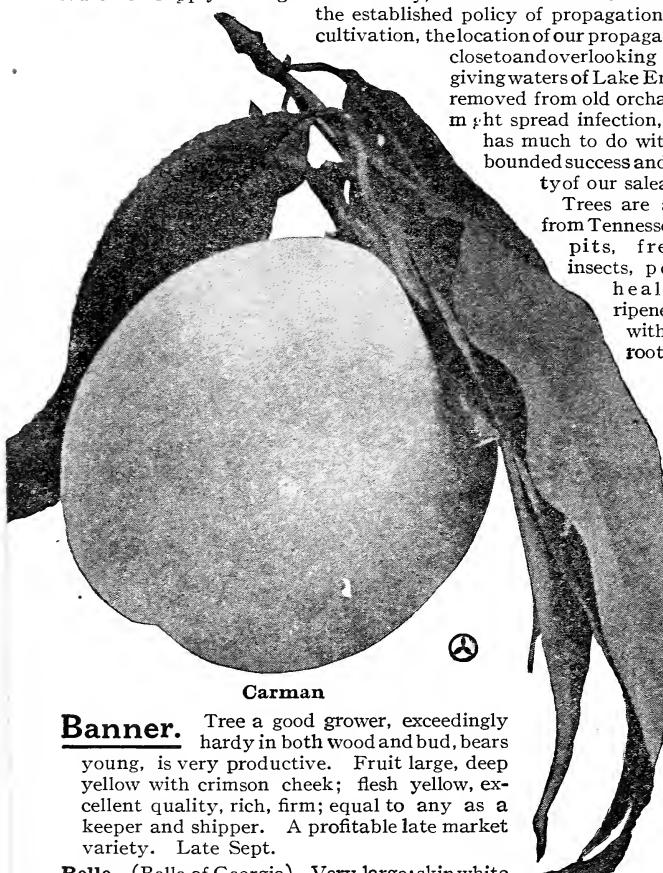
**Chinese Cling.** Large, white, shaded red, fine quality. A favorite variety in the South. August.

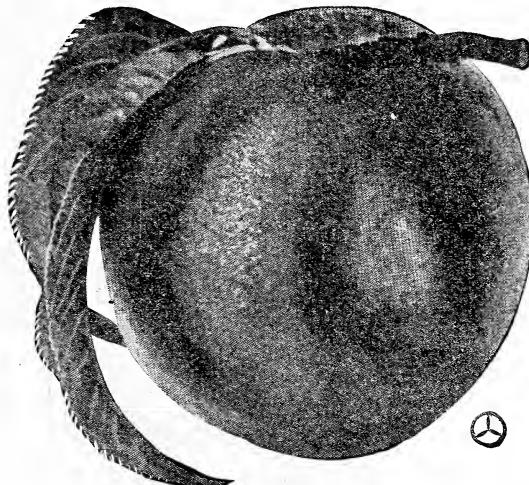
**Crosby.** One of the hardiest; abundant, medium, bright yellow, fine quality. Middle September.

**Dewey.** Ripens with the Triumph, better form and color; hardy and productive the earliest and best yellow freestone. July.

**Early Crawford.** A magnificent large yellow peach of good quality. Early in September.

**Early Elberta.** Ripens about a week earlier than Elberta; otherwise the same, or a trifle better quality.





The Hale Peach

## PEACHES—Continued

**Hale.** Probably no new peach has ever been introduced claiming to be so much superior in all ways. It averages one-third to one-half larger than Elberta, ripens about five days earlier and is much superior in flavor. Color a beautiful golden-yellow, with deep carmine blush. It has been tested and largely planted in many sections of the country.

**Heath Cling.** Very large, flesh white, juicy and melting. Good keeper and shipper. One of the prime favorites among clingstones. October.

**Hiley** (Early Belle). The earliest commercial freestone white peach. It resembles Belle of Georgia, with a quality superior to most of its white-fleshed competitors. The pretty red cheek and good shipping qualities make it very popular for early market. Mid-July.

**Kalamazoo.** A leading market sort. Large, yellow, fine quality. Extra productive and profitable. Early September.

**Late Crawford.** A superb, large, yellow peach. One of the best. Late September.

**Lemon Cling.** Large, pale yellow, dark red cheek, hardy and productive. September.

**Lemon Free.** Lemon-shaped and colored, large size, immensely productive, excellent quality. One of, if not the best for canning. September.

**Mayflower.** Bright red cheeked. Carries to market in fine shape and sells well, as it is the only early peach that is well colored. Inclined to overbear, it should always be thinned. July.

**Mountain Rose.** Large, red, flesh white, juicy, excellent; one of the best. August.

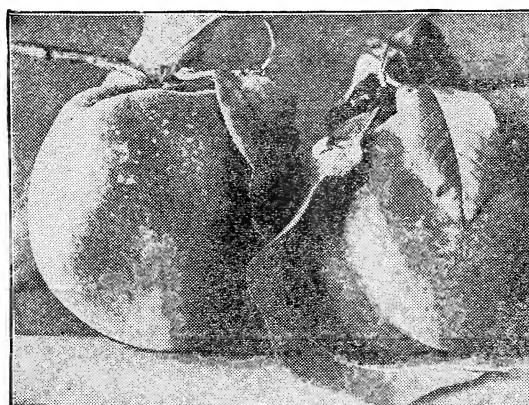
**Niagara.** A very large, yellow peach, ripening between Crawford and Elberta; surpassing both in size, color, quality and vigor. It has been well tested, said to be the best orchard variety.

**Old Mixon Cling.** Large, yellow with red cheek; juicy; high quality. Late September.

**Old Mixon Free.** Large, pale yellow, deep red cheek, white flesh, tender, rich, good. Sept

**Prolific.** Large, attractive, firm; flesh yellow, fine flavor; hardy, productive. September.

**Rochester.** A yellow freestone variety having the exceptional merits of being early, (ripening about August 10,) extraordinary sweetness and early bearing.



Wilma

The fruit is large, yellow, sweet, juicy and of delicious flavor; keeping and shipping well; skin prettily blushed. Tree is strong growing and hardy, an annual and prolific cropper.

**Salway.** Large, creamy yellow, red cheek, flesh deep yellow, juicy, rich, sweet. October.

**Stevens.** Resembles an enlarged high colored Old Mixon. Hardy, exceedingly productive. Late Sept.

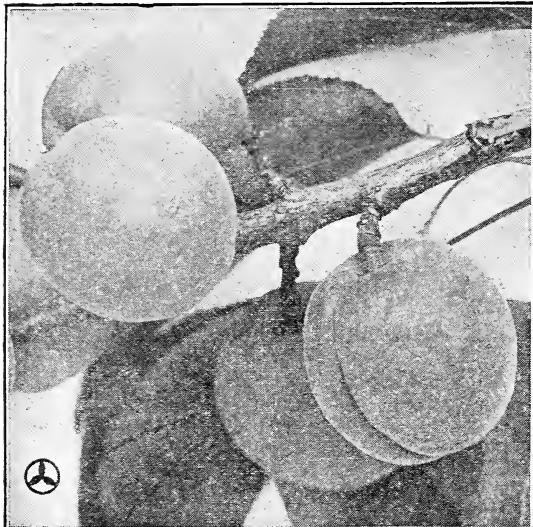
**Smock Free.** So enormously productive as to be classed among the best market sorts. A fine, large, yellow peach. Late September.

**St. John.** Nearly as large as Crawford, fully equal in color. Fruit round, brilliant, showy; one of the earliest yellow peaches. August.

**Wilma.** The fruit is large as Elberta (its parent), not quite so elongated; color very much better, and ripens about ten days later. Its more attractive color outsells Elberta when side-by-side on the market. Wilma is being largely planted in the great peach belt of northwestern Ohio.



# APRICOTS



Their fruit ripens between Cherries and Peaches. The trees, as hardy as the Peach, should be planted on a northern or western exposure to prevent early blooming. They need the same treatment for curculio as the Plum. Set trees 16 to 18 feet apart.

#### PRICE OF APRICOTS.

	Each	Per 10
4 to 5 feet.....	\$1.00	\$9.00
3 to 4 feet.....	.90	8.00

#### EUROPEAN VARIETIES

**Early Golden.** Small, pale orange, juicy and sweet.

**Harris.** Large; bright yellow with red cheek; flesh juicy, of good quality. July, August.

**Montgamet.** Fruit large, round, early, deep yellow with a fine blush; flesh yellow, firm, juicy and excellent. Tree hardy, a good grower.

**Moorpark.** Yellow, with red cheek, juicy, sweet and rich, freestone, very productive.

**Royal.** Large, yellow, juicy, rich and delicious; a very fine variety.

#### RUSSIAN VARIETIES

These are quite distinct from the European varieties, harder and will produce fruit when other apricots fail. Recommended where peaches cannot be grown. They are all early bearers and productive.

#### Alexander, Alexis and Budd.

**Superb.** A hardy seedling from Kansas. The best flavored, most productive hardy apricot yet produced. Medium size, light salmon color.

# QUINCES

The Quince crop is usually reliable, and find a ready sale for preserves, jellies and canning. The trees grow well in any good soil, but prefer a deep moist loam. They are easy to prune and spray, and need but little attention. Set trees 10 to 12 feet apart.

#### PRICE OF QUINCES.

	Each	Per 10
Orange and Champion 4 to 5 feet.....	\$1.20	\$10.00
“ “ 3 to 4 feet.....	1.00	9.00

**Bourgeat, Rea & Meech** 4 to 5 feet..... 1.35 12.00

“ “ 3 to 4 feet..... 1.20 10.00

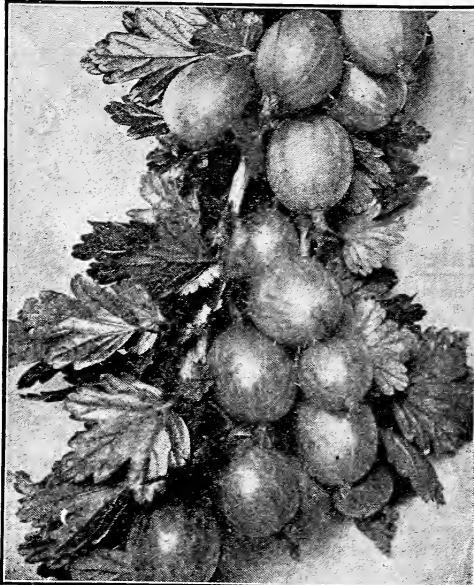
**Champion.** A prolific, constant and early bearer, oval fruit averaging larger than the Orange, quality equally fine, and a long keeper; ripens late.

**Orange.** Large; bright yellow, of excellent flavor. Oct. **Rea.** A seedling of the Orange, averaging much larger, of the same form and color; productive.

**Bourgeat.** A remarkably strong grower, yielding immense crops, fruiting at three and four years in nursery rows. Fruit of largest size, round, rich, golden color; smooth, very tender when cooked; has been kept until February in good condition.

**Meech.** A vigorous grower and immensely productive. The fruit is large, lively orange yellow, of great beauty and delightful fragrance; its cooking qualities are unsurpassed.

# GOOSEBERRIES



**Downing**

**Account of Blister Rust Quarantine No. 26, no Gooseberries may be shipped west of Minn., Iowa, Mo., Ark., and La.** The three fine varieties listed below are all of American origin, and well tested in all sections. Plant from 3 to 4 feet apart, in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit. To prevent mildew, spray bushes as soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur)—one ounce to four gallons of water.

	Each	Per 10	Per 100
Downing, 1 year.....	\$0.30	\$2.50	\$20.00
“ 2 years.....	.35	3.00	25.00
Houghton, 1 year.....	.25	2.00	16.00
“ 2 years.....	.30	2.50	20.00
Josselyn, 1 year.....	.40	3.50	.....

**Downing.** Large handsome, pale green and of splendid quality for both cooking and table use; bush a vigorous grower, and usually free from mildew. Mail size, 35 cts. each; \$1.00 for 4.

**Houghton.** Small to medium; roundish, oval, pale red, sweet, tender, very good; plants spreading; shoots slender, enormously productive. Mail size, 30 cts.; \$1.00 for 5.

**Josselyn.** Large sized, smooth, prolific and hardy, of best quality. Been tested over a wide extent of territory by the side of all the leading varieties, and so far the freest from mildew, both in leaf and fruit, of them all. A wonderful cropper, with bright, clean, healthy foliage. Mail size, 50 cts.; \$1.25 for 3.

# CURRANTS

Hardy, easily cultivated, standing neglect well and liberally responding to cultivation and generous treatment; indispensable for table use, jellies, etc.; and large quantities are required for market.

Black currants are not readily appreciated by many people, but once the taste is acquired, "black currant jam" becomes one of the necessary adjuncts to a well stocked pantry.

Set three to four feet apart, or five feet if in rich ground; cultivate well or mulch heavily; prune out old wood so that each remaining shoot will have room to

grow. If the currant worm appears, dust with hellebore, quick.

**Account of Blister Rust Quarantine No. 26, no currants may be shipped west of Minn., Ia., Mo., Ark. and La.**

PRICE OF CURRANTS.		Each	Per 10	Per 100
<b>Black</b>	—Black Victoria			
Black Champion,				
and Boskoop—				
1 year.....	\$0.25	\$2.00	\$18.00	
2 years.....	.35	2.50	22.00	

Red—Fay and Cherry—		Each	Per 10	Per 100
1 year.....	.30	2.50	20.00	
2 years.....	.35	3.00	25.00	
Perfection, 1 year....	.35	3.00	25.00	
"    2 years....	.40	3.50	30.00	
Wilder, 1 year.....	.25	2.00	18.00	
"    2 years.....	.35	2.50	22.00	
<b>White</b> —White Grape, 1 year	.30	2.50	20.00	
"    2 years.....	.35	3.00	25.00	

**Unless noted, 1 year, by mail 35 cts.; 5 for \$1.50.**

## BLACK CURRANTS

**Champion.** Very productive, large bunch and berry. **Victoria.** A strong, vigorous grower, making a neat bush of unfailing productiveness; fruit of fine flavor and enormous size.

**Boskoop.** A new black claimed to excel all older sorts in vigor, productiveness and size of fruit.

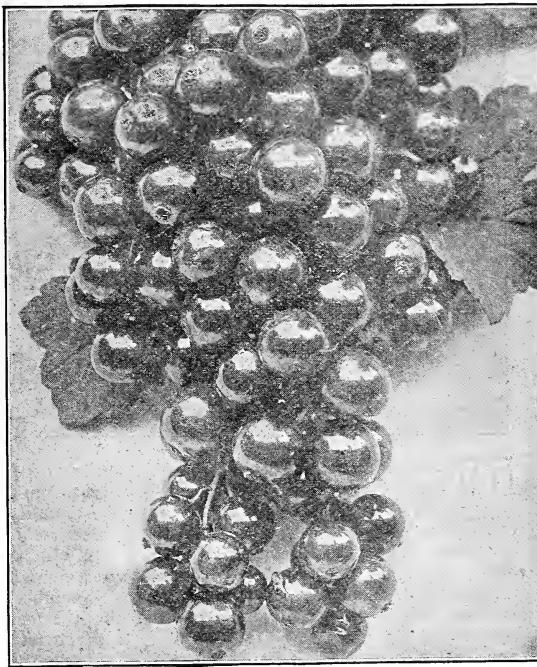
## RED CURRANTS

**Fay.** The leading market variety. Extra large stems and berries, uniform in size, easily picked, exceedingly productive.

**Cherry.** Large berries on short clusters; a robust, fruitful sort. The vigorous, stocky bushes produce great quantities of bright red fruit. The berries have thin skins, and possess a remarkably fine flavor.

**Perfection.** A cross between Fay and White Grape, retaining the valuable characteristics of both. Beautiful bright red, larger than Fay holding its size to end of bunch; easy to pick; a superior bearer, less acid and of better quality than any other large currant in cultivation. By mail, 1 year, 45 cts.; 3 for \$1.00.

**Wilder.** Compared with the celebrated Fay is equal in size, with longer bunch, better in quality, with much less acidity, ripens at same time, continues on bush much longer, fully as prolific.



## Perfection

## WHITE CURRANTS

**White Grape.** Very large; yellowish white; very mild acid; excellent quality and valuable for the table.

## ASPARAGUS

In planting, make soil rich; dig trench; set 12 to 18 inches apart, roots spread out, crown 2 inches below surface; and tamp in returned soil firmly.

PRICE OF ASPARAGUS.		Per 10	Per 100	Per 1000
Conover, Columbian, Palmetto,				
1 year.....		\$ .30	\$1.25	\$10.00
2 years.....		.60	1.75	13.00

Barr and Bonvallet, 1 year.....		.40	1.50	12.00
"    "    2 years.....		.70	2.00	15.00

**Bonvallet's Giant.** The most vigorous and healthy and best for both home and market use. While not immune from rust, withstands disease much better than any other variety. In color the shoots are purple-tinged when grown in the usual way, but pure white when planted deep and cut for White Asparagus. Yields much longer in season than most kinds, as its crown does not divide. Flavor finest. By mail, 50 for \$1.25; 100 for \$2.00.

**Barr.** The stalks are very large, frequently one inch in diameter, with few scales; retain their thickness completely up to the top of the shoots; and having close, round heads. By mail, 50 for \$1.25; 100 for \$2.00

**Conover.** A standard variety of large size, tender and excellent quality. By mail, 50 for \$1.00; 100 for \$1.75

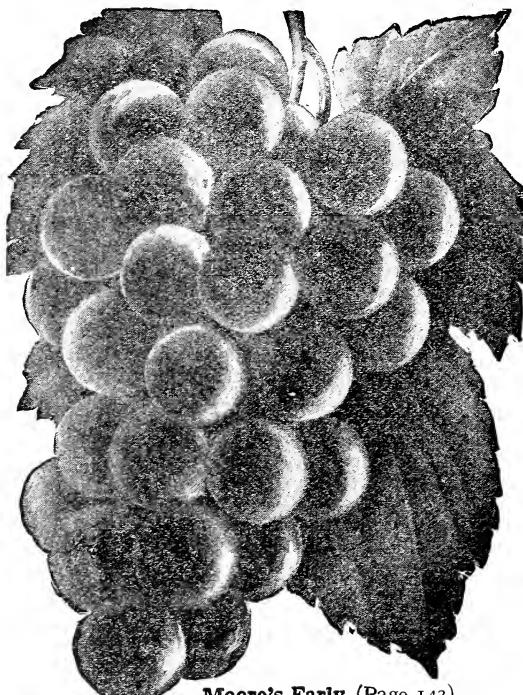
**Columbian.** A distinct variety of strong vigorous growth, producing very large, white shoots, that in favorable weather remain white until 3 or 4 inches high, or as long as fit for use. By mail, 50 for \$1.00; 100 for \$1.75.

**Palmetto.** A very early variety; even regular size, of excellent quality. By mail, 50 for \$1.00; 100 for \$1.75.



**E**VEN under unfavorable conditions the grape-vine will bear fruit, but good culture, pruning and spraying should be applied if the best quality of fruit is desired. No part of the fruit garden yields a richer harvest than the vineyard. Along almost any garden fence or walk there is room for vines enough to furnish luscious grapes from July to November. In such situations they may be planted about 8 feet apart. In vineyard rows set the vines 6 to 10 feet apart, with 8 feet of space between the rows. Make the soil mellow, and plant the vines somewhat deeper than they stood in the nursery. Paper bags slipped over the clusters as soon as they have formed are a good protection from fungus, insects, birds, etc.

\*See Back Cover for colored illustration of Concord, Brighton and Diamond.



Moore's Early (Page 143)

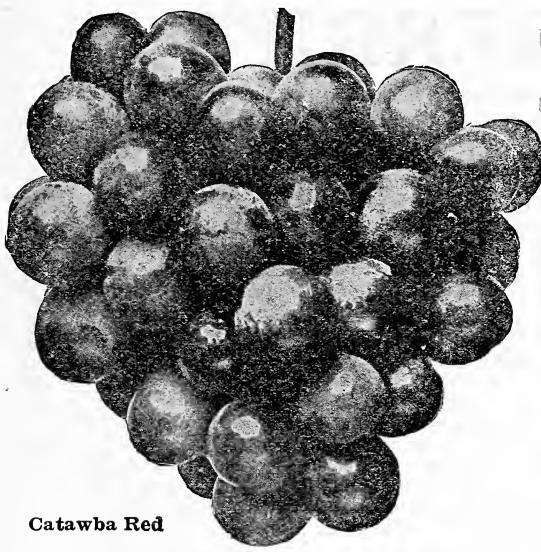
	PRICE OF GRAPE VINES.	Each	Per 10	Per 100
Agawam, 1 year.....	\$0.25	\$2.00	\$16.00	
" 2 years.....	.30	2.50	20.00	
Brighton, 1 year.....	.30	2.50	22.00	
" 2 years.....	.40	3.50	28.00	
Campbell, 1 year.....	.30	2.50	.....	
" 2 years.....	.40	3.00	.....	
Catawba, 1 year.....	.20	1.70	14.00	
" 2 years.....	.30	2.50	20.00	
Concord, 1 year.....	.20	1.50	7.00	
" 2 years.....	.25	2.00	12.00	
Delaware, 1 year.....	.30	2.50	20.00	
" 2 years.....	.40	3.50	30.00	
Diamond, 1 year.....	.25	2.00	18.00	
" 2 years.....	.30	2.50	22.00	
Green Mountain 1 year.....	.50	4.00	.....	
" 2 years.....	.60	5.00	.....	
Ives, 1 year.....	.25	2.00	.....	
" 2 years.....	.35	3.00	.....	
King, 1 year.....	.50	4.00	.....	
" 2 years.....	.60	5.00	.....	
Moore's Early, 1 year.....	.25	2.00	16.00	
" 2 years.....	.30	2.50	22.00	
Niagara, 1 year.....	.25	2.00	15.00	
" 2 years.....	.30	2.50	22.00	
Pocklington, 1 year.....	.30	2.50	22.00	
" 2 years.....	.40	3.50	28.00	
Salem, 1 year.....	.25	2.00	18.00	
" 2 years.....	.30	2.50	22.00	
Regal, 1 year.....	.40	3.50	.....	
" 2 years.....	.50	4.50	.....	
Worden, 1 year.....	.30	2.50	22.00	
" 2 years.....	.40	3.50	28.00	
Wyoming, 1 year.....	.25	2.00	18.00	
" 2 years.....	.30	2.50	22.00	

BY { Unless noted, 1 year vines, 35 cts., 3 for \$1.00  
MAIL { Unless noted, 2 year vines, 50 cts., 3 for \$1.25

### BLACK GRAPES

**Campbell.** Ripens with Moore's Early. Extra large sweet and productive. By mail, 1 year, 40 cts.; 2 years, 50 cts.

**Concord.** The leading market, vineyard and home garden variety, with which all others are habitually compared. No matter how small the number of grapes planted in the yard, Concord is almost sure to be included; and in regular vineyards throughout the country, Concord has been depended upon for the main crop. By mail, 1 year, 25 cts.; 10 for \$2.00.



Catawba Red

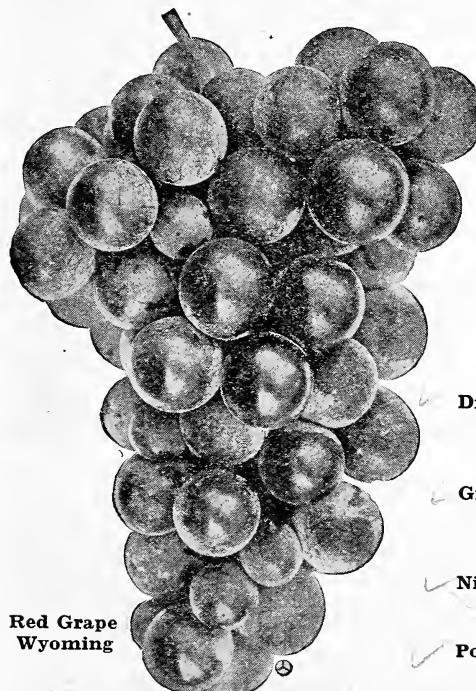
## BLACK GRAPES—Continued

**Ives.** Berries and compact bunches medium size; excellent wine quality. By mail, 1 year, 30 cts.; 4 for \$1.00.

**King.** A recent introduction of superlative qualities in all points of comparison; a fancy home-market sort, ripening between Concord and Worden. By mail, 1 year, 60 cts.; 2 years, 70 cts.

**Moore's Early.** Bunch medium, berry large round; vine exceedingly hardy. About two weeks ahead of Concord, making it desirable for early market, particularly in Canada and northern States.

**Worden.** Resembles Concord, but is sweeter, larger in bunch and berry, and a week to ten days earlier.



Red Grape Wyoming

## RED or AMBER GRAPES

**Agawam.** Berries large, thick skinned, sweet, aromatic, sprightly. Closely follows Concord, keeping much longer.

**Brighton.** High quality, handsome, large, productive, adaptable. One of the most popular reds.

**Catawba.** A great wine grape; fine for dessert; an extra long keeper. Ripens late; when fully ripe, color dull copper red, flavor richly sweet and musky.

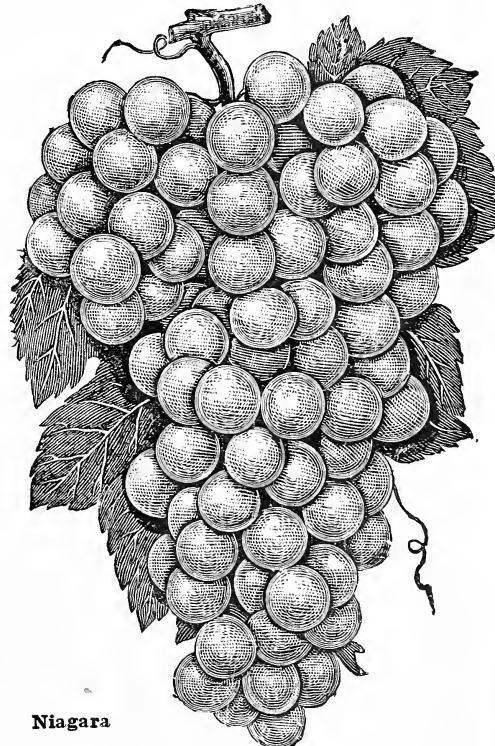
**Delaware.** The exquisite little American dessert grape. Handsome, reliable, very highest quality.

**Regal.** Hardy, even at 30° below. Growth sturdy, safely upholding heaviest crops. Clusters cylindrical, compact and alluring; berries very large, dark red, juicy, piquantly flavored; pulp tender, seeds easily freed; skin thin but tough. By mail, 1 year, 50 cts.; 2 years, 60 cts.

**Salem.** A good, reliable variety, well colored; sprightly flavored.

**Wyoming.** Hardy, early, productive, good sized in bunch and berry; brisk, sweet flavor.

## WHITE GRAPES



Niagara

**Diamond.** The leading early white grape, ripening before Moore. White, with rich yellow tinge; juicy; few seeds, almost free from pulp, excellent quality; above medium size, adheres firmly to stem.

**Green Mountain.** (Winchell) An extra early variety from Vermont. Skin thin, pulp tender and sweet, quality superb. Bunch and berry medium size. Vine hardy, vigorous and productive. By mail, 1 year, 60 cts.; 2 years, 70 cts.

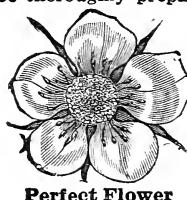
**Niagara.** The standard white grape, comparing well and running closely with Concord; bunch and berries larger. A rampant grower, good for arbors.

**Pocklington.** Beautiful golden color when ripe, enhancing the delight of its luscious sweetness and individual flavor. Ripens late and keeps well.

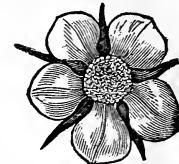
# STRAWBERRIES

If plants are set  $1\frac{1}{2}$  by 3 feet, it will require 9680 plants to an acre

Strawberries will succeed in any soil that is adapted to ordinary farm or garden crops. Soil should be thoroughly prepared to a good depth, well drained and enriched. Vegetable manure (muck; rotten turf, wood soil, ashes, etc.) is the best. For field culture set in rows 3 to  $3\frac{1}{2}$  feet apart, 15 to 18 inches in rows; for garden 15 inches apart each way, leaving pathway every third row. To produce fine, large fruit, keep in hills, pinching runners off as soon as they appear. Ground should always be kept clean and well cultivated. In winter a covering of leaves, straw or some kind of litter will protect the plants. Do not cover them until ground is frozen, or so deep as to smother the plants, and remove covering before growth starts in spring. Mulching will keep the fruit clean and the soil in good condition through the fruiting season.



Perfect Flower



Imperfect Flower

The blossoms of those varieties marked with (P) are destitute of stamens and are termed "pistillate," and unless a row of perfect flowering variety is planted at intervals not exceeding about a rod, they will produce imperfect fruit and but little of it; but when properly fertilized as a rule they are the most prolific. Our land is especially suited to the development of strawberry plants, giving us extra fine crowns and roots, our plants weighing two or three times as much as many sent out. Our stocks are pure, each kind kept by itself and cultivated entirely for the production of plants. They are carefully graded, handled and packed, certain to give the best of satisfaction. **Dip the plants in water as soon as received**, and bury the roots in moist, shady ground until you are ready to set them out; neglect for an hour or so is often fatal.

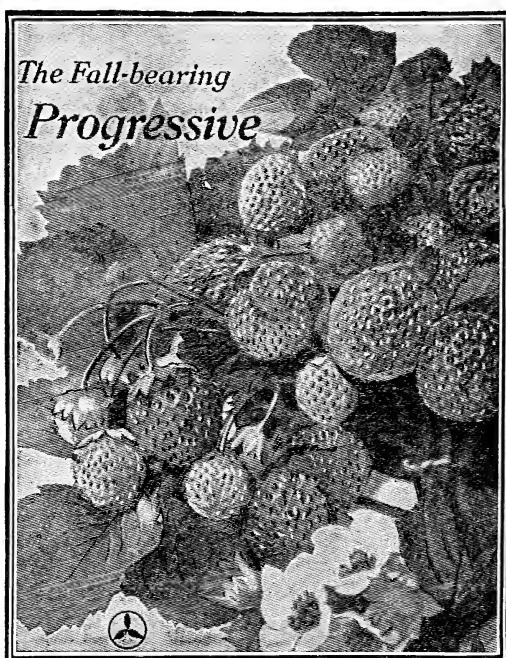
\* \* \* WE SEND STRAWBERRY PLANTS BY EXPRESS OR MAIL ONLY. \* \* \*

## EVERBEARING STRAWBERRIES

Everbearing Strawberries, that yielded fruit continuously from May or June until frost, have been known for a long time, but it is only recently that varieties of value have been produced. We offer, after trial of most of the leading varieties, the following two as the best of this class and heartily recommend them. They are practical croppers, and coming out of ordinary season, bring very profitable prices for market. CAUTION: To obtain the largest size and finest quality of fruit in the fall, keep flowers picked off until about the first of August.

**Superb.** One of the best and most profitable of the fall bearing sorts, also yielding good crops in June, on the same plants that produced

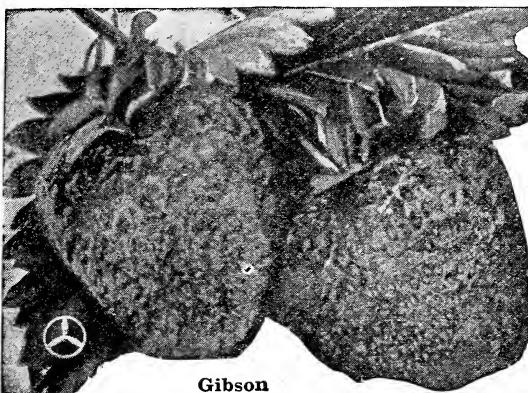
fruit the previous fall. Plants are strong and stand the winter well after producing a heavy crop of fruit from about August 15 until November 15, according to season. Fruit is very large, round, rich, dark colored, glossy, attractive and smooth. Each berry is of good shape and ripens all over at once. By mail, 10 for 75 cts.; 100 for \$2.00.



**Progressive.** Not so large as Superb, but by quality, of good size and smooth, good red color. Plants are vigorous and healthy, much like Dunlap, blooms well protected by the foliage. Gives splendid pickings of first quality berries for a long time. This variety, as well as its companion, have proven their dependability, and are now furnishing the bulk of the fall supply on the markets. By mail, 10 for 75 cts.; 100 for \$2.00.

**Both kinds by Express, 60 cts. per 10; \$1.80 per 100; \$12.00 per 1000.**

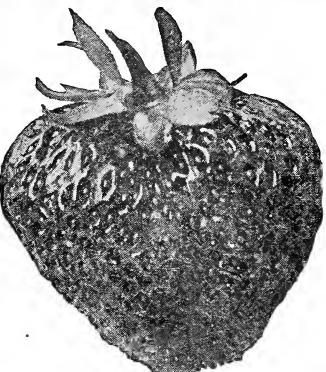
## GENERAL COLLECTION of STRAWBERRIES



Gibson

## Dr. Burrill.

(M) A marvel of productiveness, quality, color, size and firmness, which is seldom found in any one variety. The fruit is very firm and of even shape; dark, glossy red with yellow seeds and green calyx; making a beautiful combination. By mail, 50 cts. per 10; \$1.25 per 100.

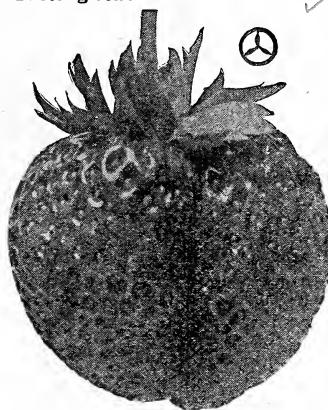


Glen Mary

PRICE OF STRAWBERRIES	Per 10	Per 100	Per 1000
Dunlap, Candy, Gibson, Glen Mary, Haverland, Parsons, Sample, Stevens and Wm. Belt	\$0.25	\$0.80	\$6.00
Charles I, Dr. Burrill and Brandywine .....	.35	1.00	7.00

By mail, except noted, 40 cts. for 10; \$1.00 for 100.

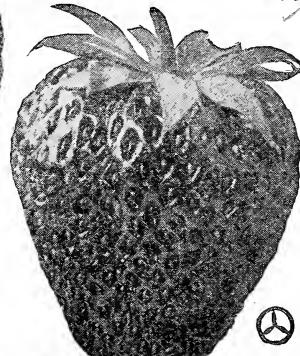
(P) means "pistillate" or imperfect flowers. (E), (M) and (L) designate early, medium or late fruiting season.



Charles I.

## Brandywine.

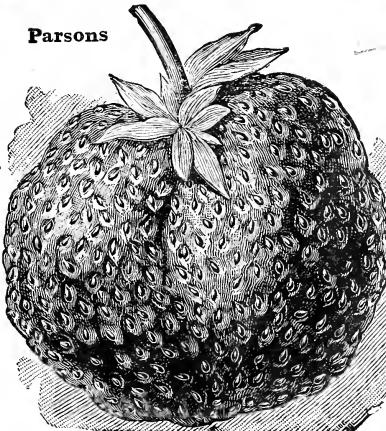
(L) Large, productive, excellent conical form; dark glossy red to center. By mail, 50 cts. per 10; \$1.25 per 100.



Charles I.

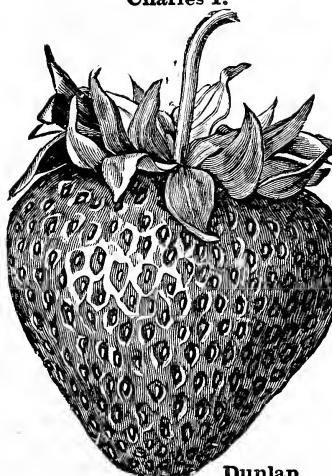
This has proven one of the best and most profitable, extra-early varieties. Good size, good color, and good quality, ripens at a time when they can be sold at a good price. By mail, 50 cts. per 10; \$1.25 per 100.

## Parsons



## Dunlap. (E)

Rampant runner, should be restricted in production of plants. Fruit good size, regular form, beautiful bright red, glossy; firm, splendid keeper and shipper, excellent quality, one of the best for canning.



Sample

Gandy. (L) Reliable; berries bright crimson, uniform in size and shape; large firm plants, vigorous and healthy.

Gibson. (M) One of the best and most profitable sorts for both home and market. Plants are strong growers with long roots and abundant foliage, exceedingly productive. Berries extra large, choice flavored, dark glossy red clear through.

Glen Mary. (M) Berries large to very large, often flattened, bright deep red on surface, light red to center, sweet, rich, good flavor. One of the most productive, and holds its size.

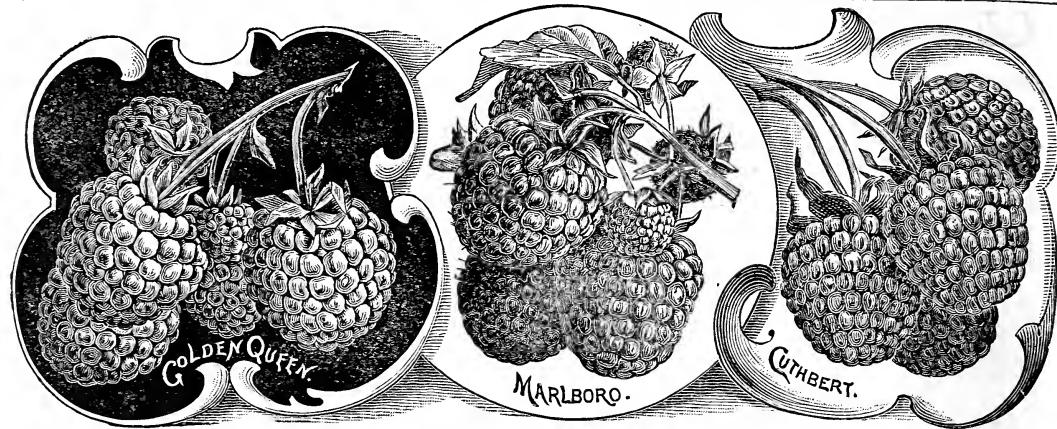
Haverland. (P) (M) A fine grower, very productive. One of the leading market sorts. Berries uniform, long, medium size and quality.

Parsons Beauty. (M) Large, bright red, conical, firm berries, shipping well to market. Makes a fine, large plant, productive and free from rust. A particularly profitable sort.

Sample. (P) (L) One of the standard sorts for both home and market. Large dark colored berries in profusion, of uniform size and color.

Stevens. (L) Good foliage that protects blossoms and fruit from frost. Berries are long and uniform in size; color good red, and firm enough for shipment. By mail, 10 for 45 cts.; 100 for \$1.35.

Wm. Belt. (M) A reliable large, handsome, productive berry for market or home use. Vigorous, thrifty plant, producing large crops. Berries extra large, conical, uniform in shape, brilliant glossy red.



## RASPBERRIES

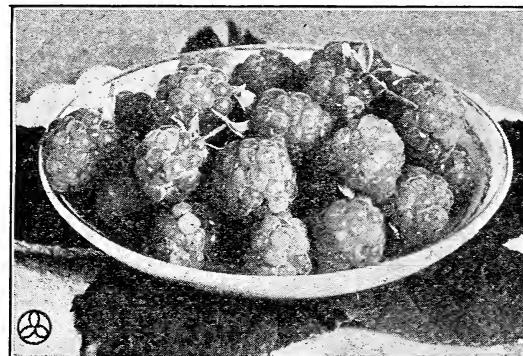
### NEW EVERBEARING RASPBERRY

Will do well on any soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they have done bearing, cut out the old wood to give more vigor to the young canes. All kinds of Raspberries are benefited by mulching both in summer and winter. Plant in rows five feet apart, three feet apart in the row.

PRICE OF RASPBERRIES.	Per 10	Per 100	Per 1000
<b>Black</b> —Cumberland and Plum			
Farmer.....	\$0.50	\$2.50	\$18.00
"    Kansas and Gregg.....	.50	3.00	25.00
<b>Red</b> —Cuthbert.....	.50	2.50	20.00
"    Columbian.....	.60	4.00	30.00
"    Herbert.....	.70	5.00	.....
"    June and Empire.....	.80	6.00	.....
"    King and Marlboro.....	.50	3.00	25.00
"    La France.....	6.00	50.00	.....
"    Perfection.....	.70	5.00	.....
"    St. Regis.....	.60	3.50	25.00
<b>Yellow</b> —Golden Queen.....	.70	5.00	.....

By mail, unless noted, 10 cts.; 10 for 70 cts.; 100 for \$3.75.

\*See colored illustration of St. Regis on back cover.



La France

**La France.** Here is a new fall bearing raspberry of remarkable character, which is bound to make a profound impression upon discriminating buyers. There is no other everbearing sort,—and scarcely a peer among the earlier types—which can show the almost incredible development of its canes. We have in stock, La France canes so high it took a tall man to reach the carmine fruit clusters which crowned their tips.

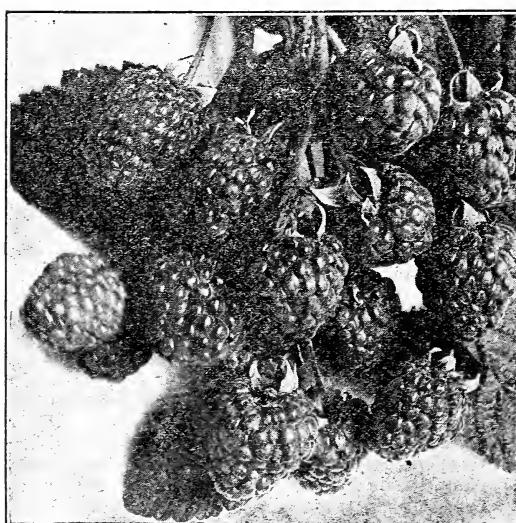
The individual berries are round and of giant size, in liberal quantity; firm textured, but juicy; in flavor as good as the best, and fully up to the promise of its aroma.

The plants are absolutely hardy, and free from disease. La France has won certificates of merit and silver medals from various Horticultural Societies of the Eastern States where it has been exhibited. By mail, 75 cts.; 10 for \$6.50.

#### RED—General Collection

**Cuthbert** ("Queen of the Market.") This superb old variety endures northern winters or southern summers with equal vigor, stability and profit. Berries very large, conical, rich crimson, very handsome, and so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious. The leading market variety for main crop. By mail, 10 cts. each; 10 for 65 cts.; 100 for \$3.25.

**Columbian.** Very large, purplish color, rather soft; rich, sprightly flavor unrivaled for canning, making jam, jell, etc.; wonderful vigor and productiveness. By mail 10 cts. each; 10 for 75 cts.; 100 for \$4.75.



Herbert (Page 147)



St. Regis

## RED RASPBERRIES—Continued

**Empire.** A new red variety, having hardiness, productiveness, vigor of bush, healthiness and large, handsome, firm, well flavored fruits as its chief assets. The canes need no winter-protection in this region. The fruits are bold, rich and sweet, of best quality, averaging larger than Cuthbert; about the same color, ripening a little earlier with a longer picking season. The texture is firm and the berries will stand shipment well and may be kept long. By mail, 15 cts.; 10 for \$1.00; 100 for \$6.75.

**Herbert.** In hardiness it easily takes first place, standing a lower temperature than any other kind. Fruit bright red, somewhat oblong, larger than Cuthbert, flavor very sweet and juicy. Season 5 to 6 days before Cuthbert. Mail size, 15 cts.; 10 for 85 cts.; 100 for \$5.75.

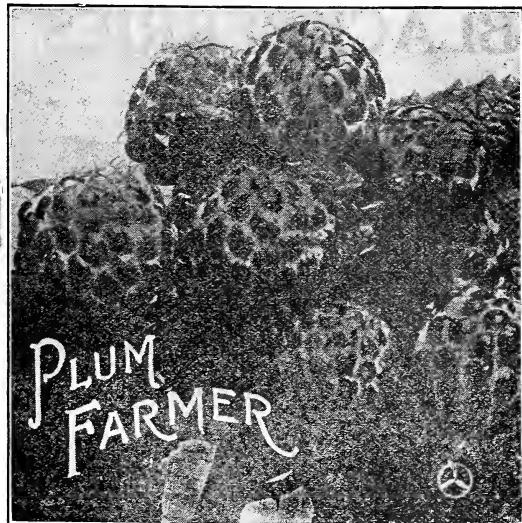
**June.** The only kind to fruit in June, thus earning its pretty name. Vigorous, hardy, and adaptable to all kinds of soil, June bears heavily and with undiminished size over a long period, the fruit shipping well, making a handsome appearance in the markets. It shows the bright red color of Loudon; is larger and rounder than Cuthbert; its quality is equal to any; and—joy to the pickers,—it has no thorns. By mail, 15 cts.; 10 for \$1.00; 100 for \$6.75.

**King.** Plant a strong grower, very hardy and productive. Berry is firm, a good shipper; large size; beautiful bright scarlet color; ripens with the earliest.

**Marlboro.** Large size, light crimson color; good quality and firm. Vigorous, hardy and productive.

**Perfection.** The strongest grower, making canes 10 feet in height, which are perfectly smooth; tied to stakes it has stood twenty degrees below zero without injuring a bud. Berries bright crimson, mammoth size, in large clusters. By mail 10 for 85 cts.; 100 for \$5.75.

**St. Regis.** A genuine practical, profitable, continuous-to-fall bearing red raspberry. Fruit commences to ripen with the earliest and continues on young canes until October. Berries bright crimson, large size, rich, sugary, with full raspberry flavor. Flesh firm, and meaty, a good shipper. Wonderfully prolific. Canes stocky, of strong growth, with abundance of dark green feathery foliage. Mail size, 10 cts.; 10 for 75 cts.; 100 for \$4.25.



## BLACK RASPBERRIES

**Cumberland.** A healthy, vigorous grower, throwing up stout, stocky well branched canes that produce immense crops. Fruit very profitable; large, firm, quality about same as Gregg, keeps and ships as well as any of the blacks. Mid-season.

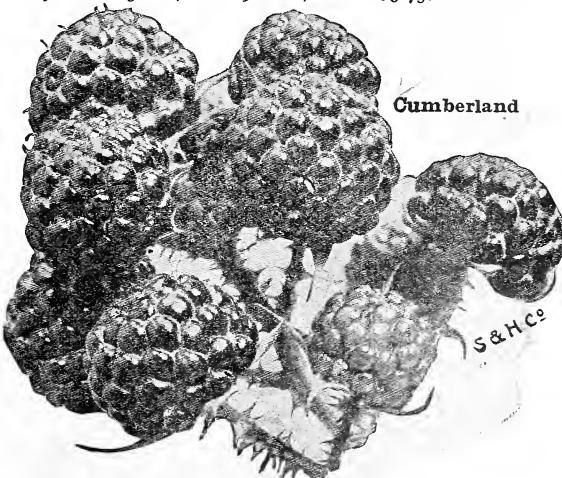
**Gregg.** For many years the leading standard best known market sort. Very productive, large size, firm, meaty berries, covered with heavy bloom.

**Kansas.** Vigorous grower, standing extremes of drought and cold, and bearing early immense crops. Berries size of Gregg, of better color; jet black almost free from bloom; firm, of best quality.

**Plum Farmer.** A few days later than Kansas, maturing the entire crop in a very short period; making one of the most profitable early market sorts. The berries are large thick-meated, firm; attractive, with a bloom similar to Gregg. By mail, 10 cts.; 10 for 65 cts.; 100 for \$3.25

## YELLOW RASPBERRIES

**Golden Queen.** A beautiful, large golden yellow berry, seedling of the Cuthbert and surpassing that variety in size, beauty, quality and adaptability. Canes hardy, of strongest growth, productive. By mail, 15 cts.; 10 for 90 cts.; 100 for \$5.75.



Cumberland

S &amp; H C. Co.

# BLACKBERRIES

Should be planted in rows six to seven feet apart, three to five feet in the row. Keep the ground light and rich. Pinch the canes back when they have reached four feet in height.

Blackberrying has ever been one of the fascinating enjoyments of late summer. We made up our parties and hied to the country in search of the luscious fruits, finding them in anybody's woods or fields. But the supply of "wild" berries is becoming exhausted; are better guarded, and are now considered by land-owners as "property". The solution would then be, for each to plant his own berry patch.

PRICE OF BLACKBERRIES.	Each	Per 10	Per 100
Ancient Briton, Early Harvest, Mersereau, Snyder, and Ward	\$0.10	\$0.70	\$5.00
Blowers	.15	1.00	7.50
Eldorado	.10	.80	6.00
Miller	.15	1.00	7.50
Lucretia Dewberries	.10	.50	3.00

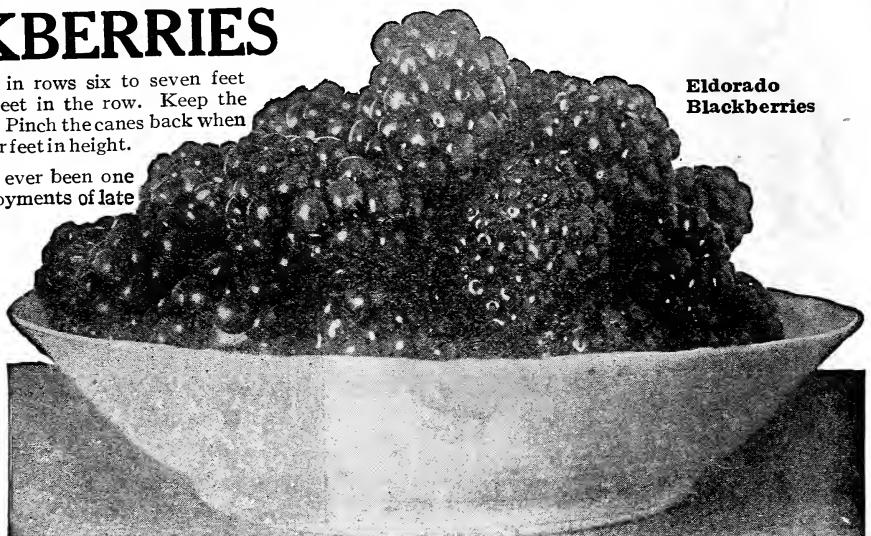
By mail, unless noted, 15 cts.; 10 for 95 cts.; 25 for \$1.50. 100 for \$5.75.

**Ancient Briton.** Well adapted by its great hardiness for planting in all sections subject to severe winters. The strong, healthy canes are heavily laden with sweet, melting berries of medium size. Markets well and brings good prices.

**Eldorado.** The vines are vigorous and hardy, enduring the winters of the far northwest without injury, and their yield is enormous. Berries large, jet black; borne in large clusters and ripen well together; they are very sweet, melting and pleasing to the taste, have no hard core, and keep eight or ten days after picking with quality unimpaired. By mail, 15 cts.; 15 for \$1.25; 100 for \$6.75.

**Blower.** Originated in the celebrated small fruit belt of Chautauqua County, N. Y. One of the hardiest, most productive, of the finest quality, and brings on the market the highest price of all blackberries. Has produced 2,694 berries on one bush, 2,720 quarts on one-third acre. By mail, 20 cts.; 10 for \$1.25; 25 for \$2.50.

**Early Harvest.** Not entirely hardy in the north and needs winter protection. Its earliness, combined with good shipping qualities, make it very profitable. Compact dwarf grower, enormous bearer. Fruit medium size, black, of excellent quality.



**Mersereau.** Remarkably strong grower, upright, producing stout, stocky canes. An enormous producer of extra size berries which are brilliant black and retain their color under all conditions; extra quality; sweet, rich, melting, without core.

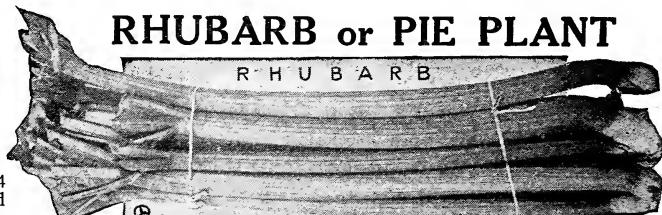
**Snyder.** Enormously productive, medium sweet, no hard, sour core. The leading variety where hardiness is the consideration. Ripens early.

**Ward.** A healthy, strong grower with sturdy canes producing fine large fruit, black throughout, without core, and of excellent quality. Has never suffered from winter injury in New Jersey. An exceedingly prolific sort.

**Lucretia Dewberry.** One of the low-growing, trailing blackberries; in size and quality it equals any of the tall-growing sorts. Perfectly hardy, healthy and remarkably productive, with large, showy flowers. The fruit, which ripens early, is often 1 1/2 inch long by 1 inch in diameter; soft, sweet and luscious throughout. By mail, 10 cts.; 12 for \$1.00; 100 for \$3.50.

## RHUBARB or PIE PLANT

### R H U B A R B



### PRICE OF RHUBARB.

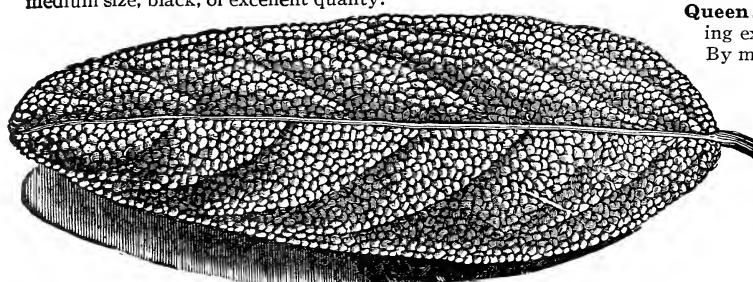
	Each	Per 10	Per 100
Linnaeus and Queen	\$0.20	\$1.50	\$8.00

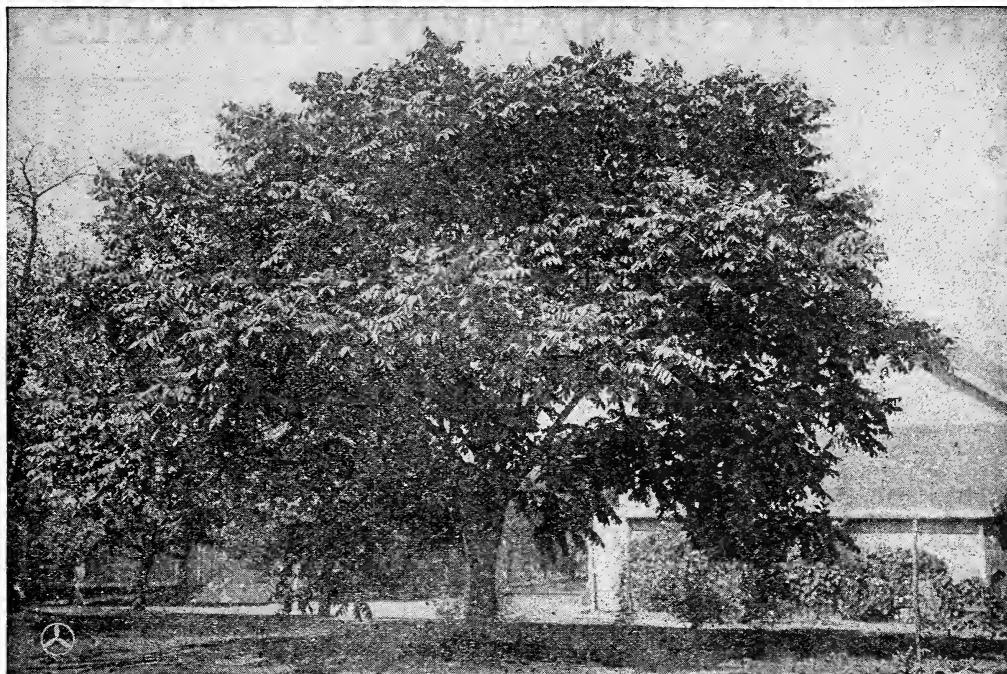
**Linnaeus.** Large, early, tender and fine. The old reliable pie kind. By mail, 25 cts.; \$1.00 for 5.

**Queen.** Strong, vigorous grower, producing extra large stocks of decided pink. By mail, 25 cts.; \$1.00 for 5.

### SAGE—Holt's Mammoth

The plants of this new variety are very robust, perfectly hardy and increase with age. The leaf is borne well above ground, is of unusual substance, strong in flavor and of excellent quality. 15 cts. each; \$1.25 per 10.





Japan Walnut—Sieboldi

## NUT TREES

Almost every farm contains land that should be planted to nut trees adapted to the soil. Nuts in many cases pay better than farm crops or fruits, while most kinds are making a growth of valuable timber that will of itself pay a large percent on the investment.

### PRICE OF NUTS.

	Each	Per 10	Per 100
Butternut, 3 to 4 feet.....	\$0.85	\$7.50	.....
"    2 to 3 feet.....	.75	6.00	.....
Chestnut, American Sweet, 5 to 6 feet.....	1.00	9.00	\$80.00
"    4 to 5 feet.....	.80	7.00	.....
"    Japan, to 3 feet....	1.25	.....	.....
"    Spanish, 4 to 6 feet..	1.25	.....	.....
"    "    3 to 4 feet....	1.00	.....	.....
Filbert, English, 3 to 4 feet....	1.00	.....	.....
Pecan, 1½ to 2 feet.....	1.25	10.00	.....
Walnut, Black, 3 to 4 feet....	.85	.....	.....
"    Japan—Sieboldi and Max-Cordiformis, 4 to 6 feet	1.25	10.00	.....
"    "    3 to 4 feet	1.00	8.00	.....
"    "    2 to 3 feet	.75	6.50	.....
Walnut, English, 1½ to 2 feet.	1.00	8.00	.....

### CHESTNUTS

**American Sweet.** A native tree both useful and ornamental; timber is very durable, and possesses a fine grain for oil finish. Nuts sweet, of delicate flavor; are a valuable article of commerce. No farm should be without its grove of nut-bearing trees, and the chestnut should be foremost wherever the soil is adapted to its growth. Mail size, 30 cts.; 10 for \$2.50.

**Japan.** Very distinct from all other chestnuts; dwarf grower, productive, usually producing nuts when two or three years old. Nuts of immense size, surpassing all other kinds; of fair quality when outside skin is removed.

**Spanish.** A handsome round headed tree producing abundantly very large nuts that find a ready market

at good prices. \$25.00 have been realized off one fruiting from nuts of a single tree. Not so sweet as the American and tree not so hardy. Mail size, 40 cts.; 3 for \$1.00.

### WALNUTS

**Black.** A native tree of large size and majestic form, beautiful foliage. The most valuable of trees for its timber, which enters largely into the manufacture of fine furniture and cabinet ware, and brings the highest price in market. Tree a rapid grower, producing a large round nut of excellent quality. Mail size, 40 cts.; 3 for \$1.00.

**Butternut or White Walnut.** Native tree, producing a large nut. Has a sweet, oily nutritious kernel. Mail size, 40 cts.; 3 for \$1.00.

**English.** Where hardy it produces immense crops of thin-shelled delicious nuts, which are always in demand at good prices; fruit in green state is highly esteemed for pickling. Will not grow in the North. Mail size, 50 cts.; 3 for \$1.25.

**Japan, Max Cordiformis.** Differs from Sieboldi in form of nuts, which are broad-pointed, flattened, resembling Hickory. Mail size, 50 cts.; \$1.25 for 3.

**Japan Sieboldi.** Perfectly hardy, rapid grower, handsome form, immense leaves; bears young and abundantly. Nuts produced in clusters; resemble Butternut in shape and quality; smaller; smooth and thinner shell. Mail size, 50 cts.; \$1.25 for 3.

### MISCELLANEOUS NUTS

**English Filbert.** Of easiest culture, growing 6 to 8 feet high, entirely hardy, and one of the most profitable and satisfactory nuts to grow, succeeding on almost all soils, bearing early and abundantly; nuts nearly round, rich and of excellent flavor, admired for the dessert. Mail size, 40 cts.; 3 for \$1.00.

**Pecan.** Not hardy in the North; one of the best and most profitable where it succeeds. Makes a very large tall tree, producing its thin shelled delicious nuts in profusion.

# HARDY ORNAMENTAL TREES

This section of our Nursery business requires over two hundred acres of land, distributed in immense, solid blocks to whatever variety of soil is best adapted for each particular kind of tree. A visit to the Ornamental section of our plantation is always a pleasure and education to those of our friends who live near enough to make the trip. We grow other classes and varieties of trees than are listed in this book, fully described in our Descriptive Catalogue No. 1, which we will mail upon application and receipt of ten cents.

The succeeding lists represent the most favored trees for lawn adornment, and the best types for street and grove plantings. **We will be pleased to quote prices** to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list state definitely the number of each variety and size wanted.

We are always pleased to allow personal selection by our customers of particular ornamental trees, but in no such case will listed prices apply.

**Five or more of one kind and size,atten rate;  
twenty-five or more at hundred rate.**

## DECIDUOUS TREES

**AILANTHUS.** (Tree of Heaven.) An extremely rapid grower with palm-like leaves. Thrives in city lots exposed to gas and smoke, and in soils where most other trees perish.

	Each	Per 10
6 to 8 feet.....	\$1.00	\$9.00
8 to 10 feet.....	1.25	11.00
10 to 12 feet.....	1.75	15.00

Selected specimens, \$2.50 to \$4.00 each.

**ALDER, European.** Well adapted to damp and moist situations. Fast growing with round wavy foliage. 6 to 8 feet, \$1.50. 8 to 10 feet, \$2.00.

**Alder, Imperial Cut-Leaved.** One of the best lawn trees, medium size, graceful habit, large, deep-cut foliage. 6 to 8 feet, \$2.00. 8 to 10 feet, \$2.50.

**ARALIA, Japonica.** Handsome small tree. Foliage immense, finely divided; flowers in large white spikes in July. 3 to 4 feet, 70 cts.; 10 for \$6.00; 4 to 5 feet, 85 cts.; 10 for \$7.50; 8 to 10 feet, \$1.75.

**Aralia, Spinosa.** (Hercules Club.) Broad handsomely cut leaves, huge clusters of white flowers in July. 8 to 10 feet, \$1.75.

**AMELANCHIER, Botryapium.** The charming "June-berry" or "Shadblow." Graceful, slender form, white in April with drooping snowy flowers, small edible purple fruit in June.

	Each	Per 10
1½ to 2 feet.....	\$0.50	\$4.00
2 to 3 feet.....	.70	6.00
3 to 4 feet.....	.80	7.00
4 to 5 feet.....	1.00	—

**BIRD CHERRY.** (Prunus Padus). A handsome flowering tree, bearing long clusters of white flowers in May, followed by bright red fruit, much beloved by birds. It is one of the earliest trees to leaf out in the spring. 4 to 6 feet, 75 cts.; 6 to 8 feet, \$1.00.

## ASH

**Flowering.** Small and neat-growing, with terminal panicles of fringe-like, greenish white flowers in May or June. 6 to 8 feet, \$1.50.

**American White.** A tall rapid grower, smooth gray bark, glossy leaves. For parks and streets.

**Green.** A handsome medium size tree with slender branches forming a round topped head.

White and Green—

	Each	Per 10	Per 100
6 to 8 feet.....	\$0.85	\$7.50	\$65.00
8 to 10 feet.....	1.25	10.00	85.00
10 to 12 feet.....	1.50	12.50	100.00

Larger selected, \$2.50 to \$5.00 each.



The White Ash as a Street Tree

## BEECH

**American.** Our noble native forest tree, with silvery bark, fine, spreading growth and symmetrical, rounded head. Especially attractive in spring with the tender, delicate green of its leaves and pendant flowers. Pure yellow in fall. 3 to 4 feet, \$2.00. 4 to 6 feet, \$3.00.

**European.** More compact grower with larger foliage than the American, medium growth. Valuable for groups and screens. 3 to 4 feet, \$2.00; 4 to 6 feet, \$3.00.

**Purple-Leaved.** (Rivers' grafted.) Makes an elegant medium size tree for the lawn; the foliage in the spring is a deep purple, later changing to crimson, and in autumn a dull, purplish green. 3 to 4 feet, \$3.50; 4 to 6 feet, \$4.00.

## BIRCH

**American White.** A rather small tree with smooth white bark and handsome foliage. Very effective when planted in front of evergreens, to afford strong contrast. 6 to 8 feet, \$1.75; 8 to 10 feet, \$2.50.

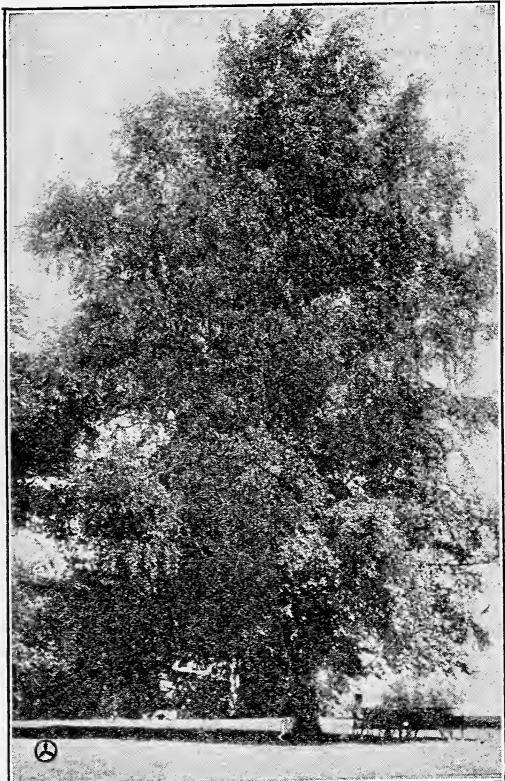
**Canoe or Paper.** A large, vigorous, upright tree with broad, handsome leaves and brilliant white bark. 8 to 10 feet, \$2.50.

**Pyramidal.** Of tall columnar habit like the Lombardy Poplar, white bark. 6 to 8 feet, \$2.50.

**Cut-Leaved Weeping.** One of the most elegant of all weeping or pendulous trees. Its tall, slender, yet vigorous growth, graceful drooping habit, silvery white bark and delicately cut foliage presents a combination of attractive characteristics rarely met with in a single tree. Very popular for single lawn specimens or groups of three or four trees; the white bark of trunk and twigs gleaming conspicuously among the darker greens and browns. 6 to 8 feet, \$2.25; 8 to 10 feet, \$2.75; 10 to 12 feet, \$3.50.

**Scotch**—See description on Page 151.

**Yellow.** Large native tree, with fine leaves and yellowish gray bark. 6 to 8 feet, \$2.00.



Scotch Birch

**BIRCH, European White.** (Scotch.) Similar to the American or Canoe Birch, with slender branches and silvery bark. After a few years growth assumes a graceful weeping habit, adding greatly to its beauty. 6 to 8 feet—\$1.25; 10 for \$10.00. 8 to 10 feet—\$1.50; 10 for \$12.50. 10 to 12 feet—\$2.00; 10 for \$17.50.

**Selected specimens—Canoe, Eup. White and Cut Lf. Wp., \$3.50 to \$7.00 each.**

### CATALPA

#### PRICE OF CATALPAS.

	Each	Per 10
Bungei, Grafted, 5 to 6 feet.....	\$2.00	\$17.50
"      6 to 8 feet.....	2.25	20.00
"      Dwarf, 3 to 4 feet.....	1.25	10.00
Speciosa, 6 to 8 feet.....	.75	6.50
"      8 to 10 feet.....	.90	8.50
"      10 to 12 feet.....	1.25	10.00
"      Larger specimens, \$2.00 to \$5.00 each.		

**Bungei.** (Umbrella Catalpa) Grafted on stems 5 to 8 feet high, it makes an umbrella-shaped top without pruning. Perfectly hardy, and flourishes in all soils and climates. Leaves large, glossy, heart-shaped, deep green, lying like shingles on a roof; always making a symmetrical head. Usually set in pairs on opposite sides of a walk, entrance, etc.

**Dwarf Bungei.** Worked low; making a handsome dwarf specimen, with all the wealth of green foliage found in the standard form, clear to the ground.

**Speciosa.** Valuable for timber, fence posts, railroad ties, etc., on account of rapid growth and durability. Large heart-shaped, downy leaves, and compound panicles of white flowers, tinged with violet and dotted with purple and yellow.

**1 year by express, \$1.50 per 100; \$12.00 per 1000.**  
**By mail, 10 for 60 qts.; 100 for \$2.00.**

## FLOWERING CHERRIES

**Double White.** A charming small tree with branches completely covered with a mass of large double white flowers in May. 4 to 6 feet, \$1.50.

**Double Pink.** (C. Sieboldi.) Semi-double flowers, white tinged with red. 4 to 6 feet, \$1.75.

**Japan Flowering.** The famous flowering cherries of Japan. Make beautiful specimens, blooming usually in profuse panicles. Trees top-worked on 4 to 6 feet stems. \$2.50 each.

**Japan Weeping.** A weeping form worked on 4 to 6 feet stems, the pendulous limbs drooping to the ground. A beautiful object when covered with its rosy masses of bloom in early spring. \$3.00 each.

**Rhexi, fl. pl.** A pretty dwarf tree with rose-like double white flowers, completely covering the tree in May. 3 to 4 feet, \$1.00; 4 to 6 feet, \$1.50.

### CORNUS—The Dogwoods

**CORNUS Florida.** (White Flowering Dogwood.) Flowers white, 3 to 3½ inches in diameter, produced in spring before leaves appear; very abundant, showy and durable. Foliage grayish green, glossy and handsome; in the autumn turns to deep red, making the tree one of the most beautiful at that season. Spreading, irregular form, growing 20 to 25 feet high. 3 to 4 feet, 75 cts.; \$6.50 per 10. 4 to 6 feet, \$1.00; 10 for \$8.50. 6 to 8 feet, \$2.00.

**Cornus Florida Rubra.** (Red Flowering Dogwood.) A rare variety, similar to above, with handsome red flowers. 2 to 3 feet, \$1.25; 10 for \$10.00. 3 to 4 feet, \$1.75; 10 for \$15.00. 4 to 6 feet, \$2.25; 10 for \$20.00.

### FLOWERING CRABS (Pyrus)

**Coronaria.** (Wild Crab Apple.) A pretty, round-headed tree, with spiny branches and attractive heart shaped, serrated leaves. The opening leaf buds show a ruddy bronze, passing to rich green and turning back in autumn to bronze and yellow. Clustered rose-pink flowers, and yellowish fruit, fragrant, waxy and translucent. 5 to 6 feet, \$1.50.

**Floribunda.** A large shrub or small tree, often thorny with rose-red flowers borne in great profusion in May. The fruit is red and very small, on long stems. 4 to 5 feet, \$1.25.

**Floribunda Purpurea.** A beautiful form of above with darker red flowers. 4 to 5 feet, \$1.50 each

**Parkmanii.** (Halliana) An elegant Japanese dwarf with long-stemmed, semi-double flowers of deep rose color wreathing its branches. The buds are long and handsome. 3 to 4 feet, \$1.25. 4 to 5 feet, \$1.75.

**Bechtel's.** Makes a medium-sized tree; perfectly hardy, succeeds well in all soils not extremely wet. When in bloom appears to be covered with delicate pink, perfectly double small roses of delicious fragrance. The only sweet-scented Double Crab. 2 to 3 feet, \$1.00; 10 for \$9.00. 3 to 4 feet, \$1.25; 10 for \$10.00. 4 to 5 feet, \$1.50; 10 for \$12.50. Mail size, 75 cts.; 3 for \$2.00.

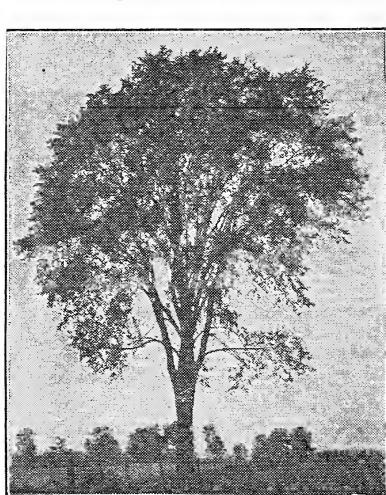
**Atrosanguinea.** Makes a beautiful contrast to the other varieties by reason of its darker red flowers. The buds are deep purplish red, and the entire flower tinged purplish. 5 to 6 feet, \$1.50.

**EVONYMUS EUROPAEUS.** (European Spindle Tree.) A large shrub or small tree, growing to 15 feet. In spring it is covered with a wealth of bright yellow flowers in nodding clusters, followed by brilliant rose-colored berries, which hang in clusters from the branches till mid-winter. The leaves color a beautiful crimson-scarlet in fall. Stems and leaves are always a dark, polished green. 3 to 4 feet, 75 cts.; 10 for \$6.00. 4 to 5 feet, 85 cts.; 10 for \$7.50.

**Evonymus Bungeanus.** See Shrubs, page 124.

## THE ELMS

PRICE OF ELMS.	Each	Per 10	Per 100
American, 6 to 8 feet.....	\$0.85	\$7.50	\$70.00
"      8 to 10 feet.....	1.10	10.00	90.00
"      10 to 12 feet.....	1.50	13.50	125.00
Camperdown Weeping.....	2.50	.....	.....
English, 6 to 8 feet.....	1.50	12.50	.....
"      8 to 10 feet.....	1.75	15.00	.....
"      10 to 12 feet.....	2.25	20.00	.....
Wheatleyi, 10 to 12 feet.....	2.25	.....	.....
Scotch, 8 to 10 feet.....	1.50	12.50	.....
"      10 to 12 feet.....	2.00	17.50	.....
Selected specimens, \$3.00 to \$6.00 each			



American Elm

roof-like head is formed. Leaves are large, glossy, dark green. A strong, vigorous grower. The finest Weeping Elm and one of the best weeping trees.

**English.** More densely branched than American, and not quite so tall with smaller, darker leaves, retained longer in autumn. The branches project from the trunk almost at right angles.

**Wheatleyi.** A choice, medium size variety for lawn specimens; of compact upright habit and richly dark green foliage.

**Scotch Elm.** A rapid-growing spreading tree, with large, rough, dark green leaves. One of the best for avenue planting.

**HACKBERRY.** Its light green leaves are glossy, pointed, almost entirely free from insects; the branches spread horizontally, forming a wide, elm-shaped head of medium size. Vigorous, hardy and healthy, thriving in all soils. 6 to 8 ft., \$1.25; 8 to 10 ft., \$1.50.

**HORNBEAM European.** A very hardy ornamental tree with dense round head. Leaves turn yellow and brown and stay on all winter. Stands severe pruning without detriment. Remarkably free from the attacks of insects. 3 to 4 feet, 85 cts.; \$7.50 per 10. 4 to 6 feet, \$1.00.

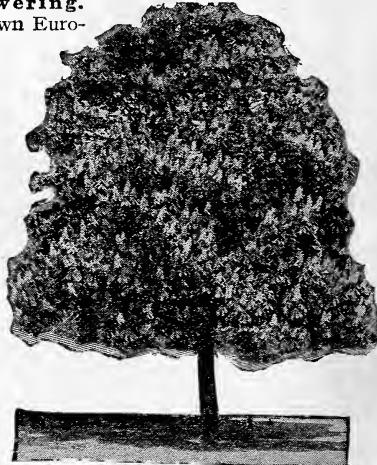
**HONEY LOCUST.** A large, vigorous tree, with wide-spreading branches, feathery, fern-like leaves, and a stout armament of thorns. Makes a fine defensive hedge. 4 to 6 feet, 75 cts.; 10 for \$6.00. 6 to 8 feet, \$1.00; 10 for \$9.00. 1 year: By express, \$1.50 per 100; \$12.00 per 1000. By mail, 60 cts. per 10; \$2.00 per 100.

**Thornless Honey Locust.** (*Inermis.*) A handsome tree of slenderer habit, almost spineless, and therefore more suitable for lawns. Size and fruit same as the former. 4 to 6 feet, \$1.25.

## HORSE CHESTNUT

## White Flowering.

The well-known European species; very handsome; has magnificent spikes of white flowers borne in great profusion and sweetly scented. As a lawn tree it is most attractive. 6 to 8 feet, \$2.00; 8 to 10 feet, \$2.50. Selected specimens, \$3.50 to \$7.50 each.



**IRONWOOD.** (Hop Hornbeam.) A graceful, birch-like tree of small to medium size, and slow growth. With furrowed bark and hop-like fruits. Valuable for dry situations. 4 to 6 feet, \$1.50.

**JUDAS TREE.** (Red Bud.) A small growing tree of irregular form, with heart-shaped leaves. It is covered with delicate pink blossoms early in spring before the leaves appear. 4 to 5 feet, 90 cts.; 10 for \$8.50. 5 to 7 feet, \$1.15; 10 for \$10.00.

**KOELREUTERIA Paniculata.** (Varnish Tree.) A rare tree, 25 to 30 feet high, showy in July, when spangled with foot-long clusters of golden yellow flowers and in autumn when foliage colors to crimson and gold. 4 to 6 feet, \$1.00; 10 for \$8.50. 6 to 8 feet, \$1.25.

**SCOTCH LABURNUM.** ("Golden Chain.") This charming small tree which rarely grows over 20 ft. tall, takes its familiar name from the long racemes of golden yellow flowers with which it is radiant in June. It is of picturesquely irregular growth, and has glossy pinnate leaves. Prefers a somewhat sheltered situation. 3 to 4 ft., 85 cts. 4 to 6 ft., \$1.00.

**EUROPEAN LARCH.** A tall and handsome deciduous conifer, with tapering trunk and pyramidal head. Particularly beautiful in early spring, when covered with soft and feathery foliage of a delicate green. 4 to 6 feet, \$1.50.

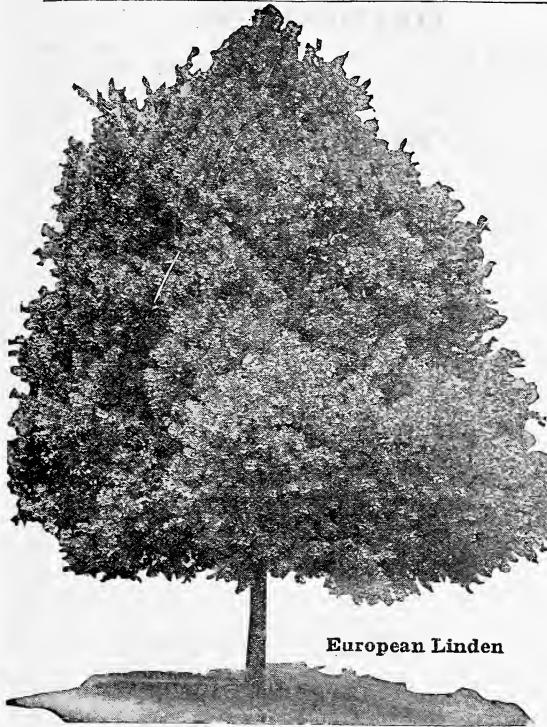
**LINDENS.** See page 153.

**LIQUIDAMBAR.** (Sweet Gum.) Short, corky-winged branches and masses of star-shaped, lustrous leaves that color to intense crimson-scarlet in fall; picturesque in winter with its odd swinging seed balls and corkwinged branches. 4 to 6 feet, \$1.50. 6 to 8 feet, \$2.00; 10 for \$17.50.

**BLACK LOCUST.** A native tree of large size, and rapid growth. Flowers in long white racemes, very fragrant. Valuable for timber. 4 to 6 feet, 50 cts. each; \$4.00 per 10. 6 to 8 feet, 60 cts. each; \$5.00 per 10. 1 year: By express, \$1.50 per 100; \$12.00 per 1000. By mail, 10 for 60 cts.; 100 for \$2.00.

**OSAGE ORANGE.** A medium sized spiny tree with spreading branches; rather large fern-like leaves of bright green which change to yellow in fall. Flowers are inconspicuous, but the succeeding orange-like fruits are attractive. Although sometimes planted as specimens for the beauty of its foliage, it is chiefly utilized as a close hedge plant; allowed to grow fairly tall; its heavy wood and thorns turning stock.

By express, 1 year No. 1, \$1.00 per 100; \$7.00 per 1,000. By mail, \$1.50 per 100.



European Linden

## LINDENS

**American.** A stately tree, growing 60 to 80 feet tall, with large, shining cordate leaves. Valuable for its beautiful white wood. Its flowers appear in July. 8 to 10 feet, \$2.00 each; 10 to 12 feet, \$2.50 each.

**European.** Largely used for street and ornamental planting, developing into beautiful specimens.

	Each	Per 10
8 to 10 feet.....	\$2.00	\$17.50
10 to 12 feet.....	2.50	22.50

**Silver.** (European White-Leaved.) A vigorous tree; medium size, pyramidal form. Its handsome form, growth and foliage make it one of the finest ornamental trees. 10 to 12 feet, \$3.50.

**Selected specimens above, \$3.50 to \$7.50 each.**

**Weeping.** (White-Leaved.) A medium sized tree 50 to 75 feet tall, of gracefully pendulous habit, that holds its large, silver-lined leaves through the season. 4 to 6 feet, \$3.00.

## MAGNOLIAS

**Acuminata.** (Cucumber Tree.) The tallest of the species, growing rapidly into a fine pyramidal tree 60 to 90 feet high. In midsummer, large creamy white blossoms appear among its deep green leaves, and large, cucumber-shaped fruits that turn bright crimson succeed them. 4 to 6 feet, \$1.50.

**Glaucia.** (Sweet Bay.) When planted in moist soil this makes a handsome tree, 30 to 40 feet high. Its leaves are glossy, laurel-like, almost evergreen. In June its pure white flower cups are lovely and fragrant. 2 to 3 feet, \$1.75; 10 for \$15.00. 3 to 4 feet, \$2.25; 10 for \$20.00. 4 to 5 feet, \$3.00; 10 for \$27.50.

**Tripetala.** Named from the whorled arrangement of its great, glossy leaves. The white flowers, also of great size, open in June and are followed by rose-colored fruit cones. Tree grows to 40 feet. 4 to 6 feet, \$2.00; 6 to 8 feet, \$2.50.

## MOUNTAIN ASH

**European.** Hardy tree; head dense and regular, beautiful fern-like green foliage; covered from July

till winter with clusters of bright red berries. The combination of foliage and clustered fruits makes this one of the most striking and beautiful trees that grow. 4 to 6 feet, 85 cts.; 10 for \$7.50. 6 to 8 feet, \$1.00; 10 for \$8.50. 8 to 10 feet, \$1.50; 10 for \$12.50.

**Oak-Leaved.** Dark lobed, oak-shaped leaves, downy beneath. Produces berries freely. 4 to 6 feet, \$1.00; 10 for \$8.50. 6 to 8 feet, \$1.50; 10 for \$12.50.

## THE MAPLES

PRICE OF MAPLES.	Each	Per 10	Per 100
Ash-leaved, 6 to 8 feet.....	\$0.85	\$7.50	.....
"      8 to 10 feet.....	1.00	9.00	.....
"      10 to 12 feet.....	1.25	10.00	.....
European Cork-barked, 4 to 6 ft.	1.50	.....	.....
"      6 to 8 ft.	2.00	.....	.....
Norway, 10 to 12 feet.....	2.25	20.00	.....
"      12 to 14 feet.....	2.75	25.00	.....
Scarlet, 6 to 8 feet.....	2.50	.....	.....
Schwedleri, 8 to 10 feet.....	3.25	.....	.....
"      10 to 12 feet.....	4.00	.....	.....
Silver-leaved, 8 to 10 feet.....	.90	8.00	\$70.00
"      10 to 12 feet.....	1.25	10.00	90.00
Sugar or Rock, 8 to 10 feet.....	1.75	16.50	150.00
"      "      10 to 12 feet.....	2.25	20.00	185.00
Sycamore, 8 to 10 feet.....	2.00	18.50	.....
"      10 to 12 feet.....	2.50	22.50	.....
"      Purple-leaved, 8 to 10 feet.....	3.00	.....	.....
Tartarian Ginnala, 2 to 3 feet...	1.00	.....	.....
"      "      3 to 4 feet...	1.25	.....	.....
Wier's Cut-leaved, 8 to 10 feet...	1.50	12.50	.....
"      "      10 to 12 feet.....	2.00	17.50	.....

Can furnish select large size specimen trees of most varieties of Maples at from \$3.00 to \$7.50 each.

**Ash-Leaved.** (Box Elder.) A fine, rapid-growing variety; with handsome, light green foliage and spreading head, very hardy; desirable for street planting and succeeds in many sections where other varieties do not thrive.

**Cork Barked.** Rather a small tree, with dark, dull green leaves, fading to brown and yellow. Has corky ridges on the branches. Very interesting when grown as a large shrub.

**Norway.** Native of Europe. The Norway Maple makes the roundest head; is colored the deepest, coolest green; and furnishes the densest shade of the entire list of good trees. Its growth is slow compared to the Soft Maples, Sycamores or Poplars.

**Silver.** A hardy, rapid-growing native tree of large size. Valuable for producing a quick shade. Excellent for street planting.

**Scarlet or Red.** A large tree with spreading branches. The earliest Maple to bloom, its beautiful red flowers appearing in late winter. In the fall, its leaves turn to the most brilliant shades of red and scarlet.

**Schwedleri.** The Purple Norway Maple's beautiful leaves attract attention at all seasons, but are especially fine in spring, when their gleaming red and purple contrasts brightly with the delicate green of other trees. In mid-summer they are purplish green, in autumn golden yellow.

**Sycamore Maple.** A broad, handsome tree of medium size, rarely over 60 feet high, with larger, darker leaves than other Maples. Casts a dense, cool shade.

**Purple-Leaved Sycamore Maple.** A purplish tone is imparted to the tree by the purple under-surface of its leaves, the effect being very fine when the leaves are in motion.

**Tartarian Ginnala.** (Siberian Maple.) More like a large shrub, with three-lobed leaves and flowers in long panicles. Foliage turns bright red in autumn, a good substitute for the Japanese Maples.

**Wier's Cut-Leaved.** A silver Maple with remarkable and beautifully dissected foliage. Of rapid growth; shoots slender and drooping; giving it a very graceful appearance.



Sugar Maple

**Sugar or Rock Maple.** This tree is chieftain of its clan; straight, spreading, symmetrical, of grand proportions, often 120 feet in height, and longer lived than most men who plant it. It grows well in all except damp, soggy soils, and roots deeply, allowing grass to grow close about its trunk. Its bold leaves have very rich autumn tints of clear-yellow and scarlet.

### TEA'S WEEPING MULBERRY

The most graceful and hardy weeping tree in existence. Forms a perfect shaped head, with long, slender, willowy branches, drooping to the ground. In light, airy gracefulness, delicacy of form and motion, it is without a rival. It has beautiful foliage, is hardy, safe and easy to transplant. Admirably adapted for small or large grounds, or for cemetery planting. \$2.50 each.

### THE OAKS

**Bur or Mossy Cup.** Of massive, open growth, 80 to 120 feet high, with moss-fringed acorns, large, heavy leaves and deeply corrugated bark. 10 to 12 feet, \$3.00.

**Black.** A tall shapely tree with round topped head. Leaves shining dark green turning to orange and dull red in autumn. A handsome tree 6 to 8 feet, \$2.00. 8 to 10 feet, \$2.50.

**Pin.** Almost pyramidal in habit, and described as half-weeping when old, because its lower branches touch the ground. It grows faster and develops the family characteristics earlier than most Oaks. It grows 60 to 80 feet. The leaves are deep green, glossy, and finely divided. Orange-scarlet in fall. 6 to 8 feet, \$2.00; 10 for \$17.50. 8 to 10 feet, \$2.50; 10 for \$22.50. 10 to 12 feet, \$3.00.

**Red.** A large tree, 80 to 100 feet tall, unusually large in leaf and quick in growth. The young shoots and leaf-stems are red, the foliage purplish crimson in autumn. A most beautiful object on the lawn. 6 to 8 feet, \$2.25 each; 10 for \$20.00. 8 to 10 feet, \$3.00 each; 10 for \$25.00.

**Scarlet.** A grand tree, 60 to 80 feet high, with bright green deeply cut leaves that color to sparkling red in fall. 6 to 8 feet, \$3.00.

**Selected specimens above varieties Oaks, \$4.00 to \$7.50 each.**

## OXYDENDRON

**Arboreum.** (Sourwood.) A small tree with spreading slender branches. Leaves bright green, fired in autumn with dazzling tones of scarlet. Flowers pure white in racemes resembling Lily-of-the-Valley. 3 to 4 feet, \$1.25.

## FLOWERING PEACH

**Double—Red and White.** A most beautiful small tree rarely over 20 feet tall; at its blossoming time in May every twig and branch bright with beautifully formed flowers, rendering the tree showy and attractive at a great distance. 3 to 4 feet, 75 cts.; 4 to 5 feet, \$1.00.

## THE POPLARS

**Bolleana.** Similar to the well known Lombardy Poplar in habit, but broader with leaves glossy green above, silvery beneath. Will grow to a tall spire 80 feet high.

**Carolina.** A vigorous native tree of rapid growth, pyramidal in form, with large glossy leaves; valuable for quick shade. Makes a fine spreading head if well cut back the first few seasons; will grow anywhere.

**Lombardy.** Remarkable for its picturesque, tall, spire-like form, useful in landscape effects.

	PRICE OF POPLARS.	Each	Per 10	Per 100
Carolina and Lombardy, 6 to 8 feet.....		\$0.50	\$4.00	\$30.00
"      "      8 to 10 feet.....		.60	5.00	40.00
"      "      10 to 12 feet.....		.80	7.00	60.00
Bolleana (Silver-leaf), 6 to 8 feet.....		1.00	8.50	.....
"      "      8 to 10 feet.....		1.25	10.00	.....

## PTELEA (Hop Tree)

**Trifoliata.** Small trees, 15 to 25 feet high, with glossy, trifoliate leaves that exhale a hop-like odor when bruised. This odor is even more noticeable in the seeds, which hang in light green clusters after the leaves have fallen. 4 to 6 feet, 75 cts.; 10 for \$6.50.

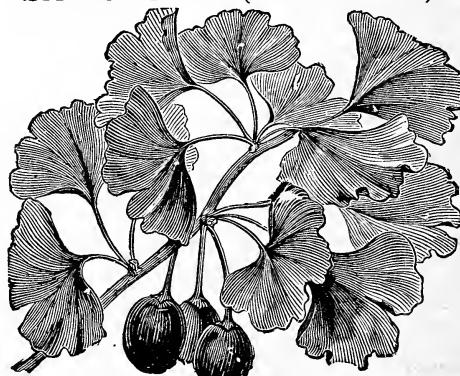
## ROSE ACACIA (Moss Locust)

An elegant shrub, with light green pinnate leaves and long graceful clusters of pea-shaped, rose-colored flowers in June, often throughout the summer. **Own roots** (bush shape), 2 to 3 feet, 70 cts.; 10 for \$6.00. 3 to 4 feet, 85 cts.; 10 for \$7.50.

## RUSSIAN OLIVE

**(Eleagnus Angustifolia.)** Attains a height of 20 to 30 feet, bark dark green, wood very heavy and burns like a candle, foliage rich silver color, willow shape; flower deep golden and very fragrant. 2 to 3 feet, 50 cts.; 10 for \$4.00. 4 to 5 feet, 75 cts.; 10 for \$6.50.

## SALISBURIA (Maiden Hair)



A rare, elegant tree from Japan with singular foliage unlike that of any other tree; almost fern-like, of free growth; and every way desirable. 6 to 8 feet, \$1.50; 10 for \$12.50. 8 to 10 feet, \$2.00; 10 for \$17.50. 10 to 12 feet, \$2.50; 10 for \$22.50. Selected specimens, \$3.50 to \$5.00 each.

## SASSAFRAS

A native tree of irregular growth, seldom seen in ornamental plantings, but worthy of more consideration. The distinctive foliage of varied outline assumes beautiful tints in the autumn, and the horizontal arrangement of the twiggy branches presents a very attractive appearance. 8 to 10 feet, \$2.00.

## EUROPEAN SYCAMORE



The Quickest Growing Street Tree

The well-known Oriental Plane. Used in great numbers to create vistas such as the scene above, along new streets which require quick development of shade and ornamentation. A lofty, wide-spreading tree; heart-shaped leaves; and grayish green bark which towards winter shows irregular patches of white. Valuable for its handsome foliage, hardiness, and free growth.

	Each	Per 10	Per 100
6 to 8 feet.....	\$0.80	\$7.00	\$60.00
8 to 10 feet.....	1.00	9.00	80.00
10 to 12 feet.....	1.50	12.50	110.00

Larger specimens, \$2.50 to \$5.00 each.

## FLOWERING THORNS

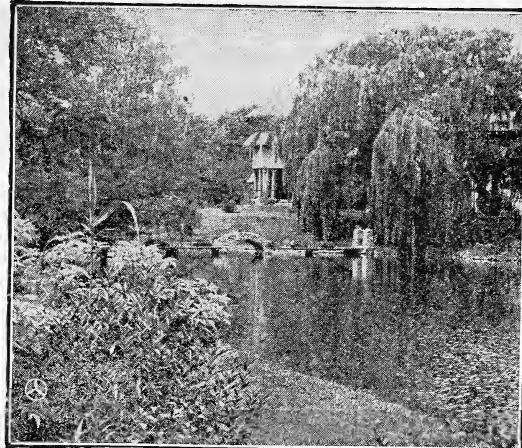
Handsome dwarf trees with shiny leaves of attractive shape and color; blooming in profusion late in spring with compact clusters of small, rose-like flowers. These are followed by large red fruits and autumnal colorings. Double Pink; Double White and Paul's Scarlet. 4 to 5 feet, \$1.50 each; \$12.50 per 10.

**Cockspur Thorn.** (*Crataegus Crusgalli*.) Widely extended horizontal branches give it a flat-topped effect. Flowers profuse, white, with tinge of red, opening in May. 4 to 6 feet, \$1.10; \$10.00 per 10. 6 to 8 feet, \$1.50; 10 for \$14.00.

**Coccinea.** Single white flowers, followed by scarlet fruits. 3 to 4 feet, 90 cts.; 10 for \$8.00. 4 to 5 feet, \$1.15; 10 for \$10.00.

## TULIP TREE (Whitewood)

One of the grandest of our native trees; of tall pyramidal habit, with broad, glossy fiddle-shaped leaves and beautiful, tulip-like flowers; allied to the Magnolia. 6 to 8 feet, \$1.25.



Wisconsin Willow

## THE WILLOWS

Besides the beauty of their airy summer foliage, the Willows have a distinct value in the brightness of their bark when leaves have fallen. There are few trees that can be used to such advantage for cheery winter effects. They grow fast and are adapted to a variety of soils and uses. Frequent cutting back gives a thicker growth of bright young twigs.

	Each	Per 10	Per 100
Babylonica, 6 to 8 feet.....	\$0.75	\$6.00	.....
"      8 to 10 feet.....	.90	8.00	.....
"      10 to 12 feet.....	1.00	9.00	.....
Gold Bark, 6 to 8 feet.....	.70	6.00	.....
"      8 to 10 feet.....	.80	7.00	.....
Laurel leaved, 6 to 8 feet.....	.80	7.00	.....
Thurlow (Elegantissima),			
"      8 to 10 feet.....	.80	7.00	.....
"      10 to 12 feet.....	1.00	9.00	.....
Wisconsin, 6 to 8 feet.....	.70	6.00	.....
"      8 to 10 feet.....	.80	7.00	.....
"      10 to 12 feet.....	1.00	9.00	.....

**Gold Bark.** Showy variety with golden bark of high color, making it very conspicuous during winter. A handsome tree at all seasons.

**Laurel-Leaved.** A splendid ornamental small tree, with large, glossy, laurel-like leaves, whence its name. This variety is very useful to inject dark, shiny foliage into groups of lighter color, its lower growth and more compact shape entitling it to establishment even with the tall growing shrubs.

## WEEPING WILLOWS

There is nothing prettier or more attractive than the long, waving streamers of the weeping willows in any location, but they are particularly effective and at home on the edge of well-kept ponds and landscaped streams.

**Babylonica.** A well-known and most graceful tree of large size. Its fresh, bright green tint and long, wavy branches make it very attractive.

**Thurlow's.** Larger and more spreading than the Babylonian form, and harder, but similar in foliage and grayish green bark.

**Wisconsin.** Similar to the Babylonica, but much harder.

## YELLOW WOOD

### (*Cladrastis Tinctoria* or *Virginia Lutea*)

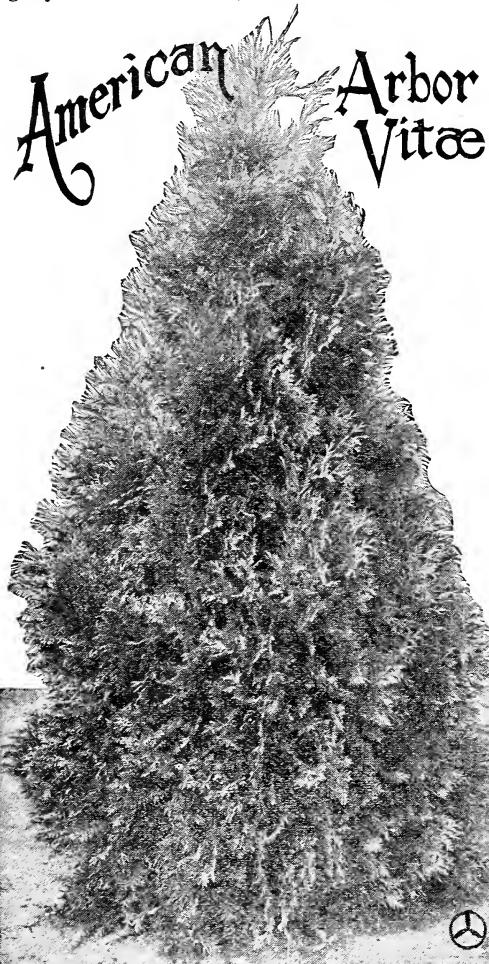
One of the most beautiful medium-sized native flowering trees, growing to 50 feet. It has a short trunk and wide, rounded head of handsome foliage that colors clear yellow in fall. In June it is showy and fragrant, with long, drooping racemes of white, pea-shaped flowers. 3 to 4 feet, \$1.25. 4 to 6 feet, \$1.75.

# EVERGREEN TREES

Our Evergreens are all carefully grown, at good distances for symmetrical development, are root and top-pruned into handsome, shapely specimens that will transplant successfully to new homes with ordinary care. We pack them so that the root-fibers are well protected and will reach their destination in good growing condition. If planters will continue this care to keep the fibers from drying out by exposure to air and sun until the stock is planted, success is reasonably sure.

**Planting season for spring from April 10 to May 15**, for fall from about August 15 to October 10, depending on season and locality. We have selected specimens in many varieties on which we would be glad to quote prices on receipt of list, stating kinds, sizes and numbers wanted.

All Evergreen Trees (except mail size) will be carefully dug with ball of earth about the roots and tightly sewed in burlap and will stand transportation and transplanting with little risk of loss. In planting it is not necessary to remove the burlap. Place tree in properly prepared hole, cut burlap in several places, firm earth tightly about ball of roots, water, and mulch with leaves, straw or other coarse litter.



ARBOR VITÆ (Thuya)

**American.** (White Cedar.) Erect, pyramidal habit with soft bright green foliage, dense from ground up; grows rapidly and soon forms a most beautiful hedge, for which purpose it is one of the best Evergreens—or for any other purpose. One of the few varieties which may be successfully sheared to have a formal appearance, or pruned frequently to preserve a uniform height. Mail size, 35 cts.; 5 for \$1.00.

	Each	Per 10	Per 100
2 to 3 feet.....	\$1.25	\$11.00	\$100.00
3 to 4 feet.....	2.25	20.00	175.00
4 to 5 feet.....	3.00	25.00	.....

**Compacta.** (Parsons.) Dwarf, dense little trees with light green foliage, neat and attractive. Useful for beds, borders, cemeteries or low growing hedges.

Mail size, 60 cts.; 3 for \$1.50	Each	Per 10
15 to 18 inches.....	\$1.25	\$10.00
18 to 24 inches.....	1.75	15.00
2 to 3 feet.....	2.50	22.50

**Douglas Golden.** One of the hardiest of all golden evergreens. Broad and bushy growth with long slender branches and bright yellow foliage.

3 to 4 feet, \$5.00.

**Ellwangeriana.** A low, broad pyramid with slender branches; intermediate between Ericoides and American. Mail size, 60 cts.; 3 for \$1.50.

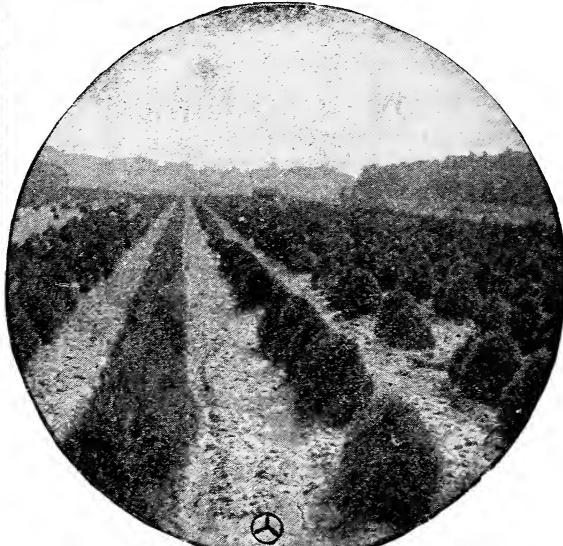
15 to 18 inches.....	Each	Per 10
15 to 18 inches.....	\$1.25	\$10.00
18 to 24 inches.....	1.75	15.00
2 to 3 feet.....	2.75	25.00

**Ericoides.** (Heath-Leaved Arbor Vitæ.) A very pretty dense little shrub of the Tom Thumb type. Mail size, 60 cts.; 3 for \$1.50.

Mail size, 60 cts.; 3 for \$1.50.	Each	Per 10
12 to 15 inches.....	\$1.00	\$8.50
15 to 18 inches.....	1.25	10.00

**Globosa.** Forms a dense, low globe; handsome shade of green. Mail size, 60 cts.; 3 for \$1.50. 12 to 15 inches, \$1.25; 15 to 18 inches, \$1.50.

**Hovey's Golden.** A small, hardy tree, elliptical in form and very compact. Foliage light green with a golden tinge. A very distinct, bright and pleasing shade, of value for toning up somber greens. Mail size, 60 cts.; 3 for \$1.50. 1½ to 2 feet, \$1.75; 10 for \$15.00. 2 to 3 feet, \$2.75; 10 for \$25.00.



Ellwangers . . . (Arbor Vitæ) . . . Ericoides



Pyramidal Arbor Vitae

## ARBOR VITÆ—Continued

**Lutea.** (George Peabody.) A beautiful variety, the gold marking diffusing itself more deeply into the foliage than in any other variety of tall Evergreen. Mail size, 75 cts.; 3 for \$2.00. 1½ to 2 feet, \$2.00; 10 for \$17.50. 2 to 3 feet, \$3.00; 10 for \$27.50. 3 to 4 feet, \$4.00.

**Oriental.** A low, bushy tree of columnar or pyramidal habit. Native of Asia. Foliage bright green in summer, assuming tones of bronze and brown in winter. 2 to 3 feet, \$2.00.

**Pumila.** A handsome dwarf; dense, perfect in form; a charming shade of green. 15 to 18 inches, \$1.25; \$10.00 per 10. 18 to 24 inches, \$1.50; 10 for \$12.50. 2 to 3 feet, \$2.00; 10 for \$17.50.

**Pyramidalis.** Most compact and erect of the entire species, in form almost a counterpart of the Irish Juniper. Foliage a deep green, retaining color. Perfectly hardy. Mail size, 60 cts.; 3 for \$1.50.

	Each	Per 10
2 to 3 feet.....	\$2.25	\$20.00
3 to 4 feet.....	3.00	27.50

**Siberian.** A superb variety, somewhat similar to American, with heavier and fuller foliage and more compact habit. It holds its color during winter and bears trimming well; one of the hardiest. Mail size, 50 cts.; 3 for \$1.25.      Each      Per 10  
 1½ to 2 feet..... \$1.25      \$10.00      \$90.00  
 2 to 3 feet..... 1.75      15.00      125.00  
 3 to 4 feet..... 2.50      22.50      200.00

**Tom Thumb.** Small, compact, with feathery foliage. Makes a beautiful ornament for small yard or cemetery lot; fine for low hedges. Mail size, 50 cts.; 3 for \$1.25.

	Each	Per 10
12 to 15 inches.....	\$1.00	\$8.50
15 to 18 inches.....	1.25	10.00
18 to 24 inches.....	1.75	15.00

**Vervaeneana.** Erect habit and form like the American, with golden variegated foliage. A handsome decorative sort. 1½ to 2 feet, \$1.50; \$12.50 for 10. 2 to 3 feet, \$2.25; \$20.00 for 10.

## CYPRESS (Cupressus)

**Nutkaensis.** (Nootka Sound Cypress.) A choice pyramidal evergreen with glaucous green leaves and spreading curving branches drooping at the tips. Perfectly hardy, a choice sort. 1½ to 2 feet, \$2.00.

## FIR (Abies)

**Concolor.** (White Fir.) A picturesque Colorado species; long, leathery leaves, with glaucous tinge when young, becoming pale green with age. Branches arranged in horizontal whorls. A grand tree making splendid specimens. Mail size, \$1.00. 1½ to 2 feet, \$4.00. 2 to 3 feet, \$5.00.

**Fraseri.** (Double Balsam Fir.) Similar to the well known Balsam Fir, finer habit and darker foliage. A quick growing desirable specimen.

## Balsam Fir

2 to 3 feet, \$2.25. 3 to 4 feet, \$3.50.

**Balsam.** (American Silver.) A very regular, symmetrical tree, assuming the conical form even when young; leaves dark green above, silvery beneath.

	Each	Per 10
2 to 3 feet.....	\$2.00	\$17.50
3 to 4 feet.....	2.50	20.00
4 to 5 feet.....	3.50	30.00

**European Silver.** (Pectinata.) A rapid grower of upright habit. Needles dark glossy green, silvery white beneath. 1½ to 2 feet, \$2.00; 2 to 3 feet, \$2.50. 3 to 4 feet, \$4.00.

**Nordmanniana.** A symmetrical and imposing tree; the warm green of the young shoots contrasting finely with the rich, deep color of the old foliage. 1½ to 2 feet, \$3.00; 2 to 3 feet, \$4.00.

## JUNIPER (Juniperus)

**English.** Makes a dense pyramidal specimen; foliage grayish green. Mail size, 60 cts.; 3 for \$1.50. 2 to 3 feet, \$2.25. 3 to 4 feet, \$3.50.

**Irish.** Erect and formal in habit; foliage deep green and very compact, making a splendid column, eventually 15 to 20 feet high; much used in cemeteries. Mail size, 40 cts.; 3 for \$1.00.      Each      Per 10  
 1½ to 2 feet..... \$1.25      \$10.00  
 2 to 3 feet..... 1.50      12.50

**Japan.** A beautiful dwarf, dense bushy tree with lively light green foliage. 1½ to 2 feet, \$2.25; 2 to 3 feet, \$3.00.

**Japan Golden.** Of moderate growth and spreading habit; bronzy-gold foliage. 18 to 24 inches, \$3.00.

**Pitzeriana.** A handsome, bushy tree, with delicate dark, foliage borne on long, whip-like branches. 18 to 24 inches, \$3.00. 24 to 30 inches, \$5.00.

**Savin.** Low spreading, dense; suitable for ground covering and filling. 18 to 24 inches, \$2.50; 10 for \$22.50. Mail size, 75 cts.; 3 for \$2.00.

**Dwarf Swedish.** (Suecica Nana.) A dwarf, compact variety; foliage light green, not changing in winter; perfectly hardy. Mail size, 60 cts.; 3 for \$1.50. 1½ to 2 feet, \$1.50.

**Tamariscifolia.** (Tamarix-leaved.) A prostrate form of the Savin, with delicate bluish green foliage. 15 to 18 inches, \$3.00.



**JUNIPER**—Continued

**Virginiana.** (Red Cedar.) A well known American tree, with deep green foliage, varies in habit and color, some being stiff, regular and conical, others loose and irregular. Mail size, 40 cts.; 3 for \$1.00.

	Each	Per 10
3 to 4 feet.....	\$2.25	\$20.00
4 to 5 feet.....	3.00	27.50

**Virginiana Glauca.** (Blue Va. Cedar.) Its compact conical form and beautiful blue glaucous foliage make it one of the choicest of all Junipers.  $1\frac{1}{2}$  to 2 feet, \$3.00. 2 to 3 feet \$4.00. Mail size, \$1.00.

**Virginiana Schotti.** A bushy dense form of the Red Cedar with light green foliage. Hardy and beautiful. 2 to 3 feet, \$3.50. 3 to 4 feet, \$5.00.

**PINE (Pinus)**

**Austrian.** A strong, hardy grower, fine for wind-breaks; grows rapidly on light, sandy soil; hardy. 3 to 4 feet, \$2.25. 4 to 5 feet, \$4.50. Mail size, 40 cts.; 3 for \$1.00.

**Mugho.** (Dwarf.) Very distinct, leaves short, stiff, little twisted and thickly distributed over the branches; does not grow tall, but spreads over the ground, generally assuming a globular form; very dense. Mail size, 75 cts.; 3 for \$2.00. 15 to 18 inches, \$2.50.

**Scotch.** Like the Austrian, its quick, strong growth makes it valuable for protective screens; very hardy. Mail size, 40 cts.; 3 for \$1.00.

	Each	Per 10
4 to 5 feet.....	\$3.25	\$30.00
5 to 6 feet.....	4.50	42.50

**White.** (Strobus.) A strong, rapid growing tree; with light delicate silvery green foliage. Mail size, 40 cts.; 3 for \$1.00.

(NOTE:—On account of Federal Quarantine No. 26, White Pines cannot be shipped to any point west of Minnesota, Iowa, Missouri, Arkansas and Louisiana.)

	Each	Per 10
White, 2 to 3 feet.....	\$1.50	\$12.50
“ 3 to 4 feet.....	2.00	17.50
“ 4 to 5 feet.....	3.25	30.00
“ 5 to 6 feet.....	4.50	42.50

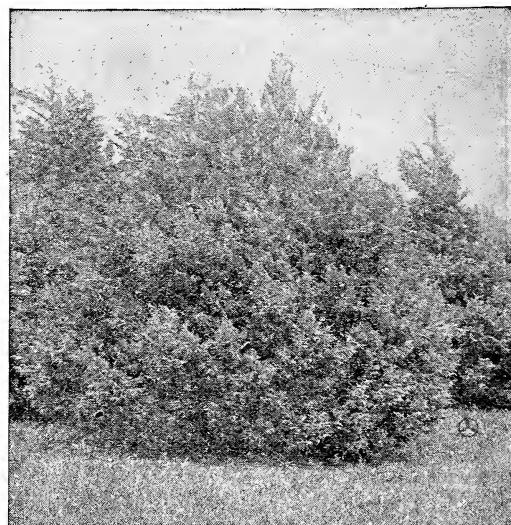


Austrian Pine

**MAHONIA**

**Aquifolia.** (Ashberry) A beautiful shrub, with smooth shining leaves resembling Holly. Clusters of bright yellow flowers in May, followed by a profusion of blue berries. In fall the foliage changes to a scarlet-bronze, remaining on the bush in a dried state until the fresh green leaves break out in Spring. Mail size, 40 cts.; 5 for \$1.75.

	Each	Per 10
12 to 15 inches.....	\$0.75	\$6.00
15 to 18 inches.....	.90	8.00
18 to 24 inches.....	1.25	10.00

**RETINISPORA**

Retinispora Plumosa

**Filifera.** The leading shoot grows upright, the branches are nearly horizontal, with long, drooping, tasseled ends. Pyramidal in outline; bright green. Mail size, 60 cts.; 3 for \$1.50.  $1\frac{1}{2}$  to 2 feet, \$2.00. 2 to 3 feet, \$3.50.

**Obtusa Gracilis Aurea.** A graceful small tree, the fern-like young shoots of a fine golden color. 2 to 3 feet, \$3.00. 3 to 4 feet, \$4.00.

**Obtusa Nana.** One of the finest of the family in showy arrangements of foliage, dense, slow-growing habit, and great depth of color. Mail size, \$1.00. 10 to 12 inches, \$2.50.

**Obtusa Nana Aurea.** A beautiful golden form of above, foliage full rich yellow, the deepest shade of all golden evergreens. Mail size, \$1.00. 15 to 18 inches, \$3.00. 18 to 24 inches, \$4.00.

**Obtusa Youngi.** Very graceful, feathery, golden foliage, on loose branches. 2 to 3 feet, \$4.00.

**Pisifera Aurea.** A bright golden evergreen, that holds its color; foliage light and airy. Fine for groups or specimen. Mail size, 60 cts.; 3 for \$1.50.  $1\frac{1}{2}$  to 2 feet, \$2.50. 3 to 4 feet, \$4.50.

**Plumosa.** An exceedingly handsome small evergreen from Japan, with feathery, light green foliage. Mail size, 50 cts.; 3 for \$1.25.  $1\frac{1}{2}$  to 2 feet, \$1.75. 3 to 4 feet, \$3.50; 10 for \$32.50.

**Plumosa Aurea.** Like the preceding, a plant of great beauty; foliage soft plume-like, of a golden yellow color; close and compact habit. Mail size, 50 cts.; 3 for \$1.25. 2 to 3 feet, \$2.50. 3 to 4 feet, \$3.75.

**Squarrosa Veitchii.** Dense growth; soft beautiful silvery blue foliage, arranged in spirals. Mail size, 75 cts.; 3 for \$2.00.  $1\frac{1}{2}$  to 2 feet, \$2.00.

SPRUCE (*Picea*)

**Alba.** (White Spruce.) One of the very best conifers, especially for cold climates. Compact, upright growing, long-lived, retaining its branches to the ground, aromatic, drought-resisting; varies in color from light green to glaucous blue. Mail size, 50 cts.; 3 for \$1.25. 2 to 3 feet, \$2.25; 3 to 4 feet, \$3.00.

**Alcockiana.** A medium size tree, pyramidal form, short, sharp leaves, dark green above, glaucous beneath. Fine variety, rare and showy. 2 to 3 feet, \$3.50.

**Colorado.** (Pungens.) The original form of the famous Blue Spruce; foliage sometimes quite blue, mostly light green. A vigorous grower, hardy, making fine specimens. Mail size, 60 cts.; 3 for \$1.50. 1 1/2 to 2 feet, \$1.75. 2 to 3 feet, \$2.50.

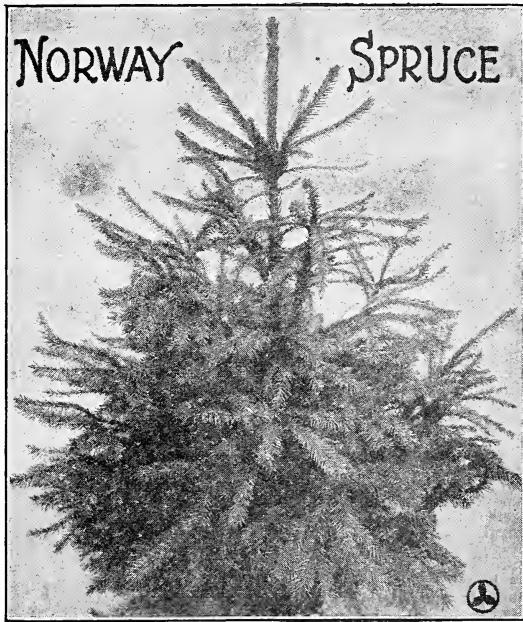
**Engelmanni.** From the Rocky Mountains, makes fine symmetrical specimens. Under side of leaves light blue. 2 to 3 feet, \$3.50. 3 to 4 feet, \$4.50.

**Douglassi.** From the mountains of Colorado. A rapid grower; foliage somewhat resembles Hemlock, leaves light green above, glaucous below. Conical form, branchesspreading, light and graceful. Mail size, 60 cts.; 3 for \$1.50. 2 to 3 feet, \$2.75. 3 to 4 feet, \$4.00.

**Hemlock.** An elegant pyramidal tree with drooping branches and delicate, dark foliage. It is a beautiful lawn tree and makes a highly ornamental hedge. Mail size, 60 cts.; 3 for \$1.50. 2 to 3 feet, \$3.00 each; 10 for \$27.50. 3 to 4 feet, \$4.00 each; 10 for \$37.50.

**Norway.** A lofty, noble tree of pyramidal habit; exceedingly picturesque. Very popular, and one of the best evergreens for hedges. Mail size, 30 cts.; 10 for \$2.50.

	Each	Per 10	Per 100
1 1/2 to 2 feet.....	\$0.85	\$7.50	\$60.00
2 to 3 feet.....	1.10	10.00	85.00
3 to 4 feet.....	1.75	15.00	125.00
4 to 5 feet.....	2.50	22.50	200.00



**Norway Weeping.** (Invera.) A variety of the Norway with larger foliage, lateral branches drooping like a willow. 3 to 4 feet, \$5.00.

**Tiger Tail.** (A. Polita.) A dense, broad pyramid with stout, rigid branches and spiny foliage which gives the tree a formal and substantial appearance. Color shiny, yellowish green. 1 1/2 to 2 feet, \$2.00.

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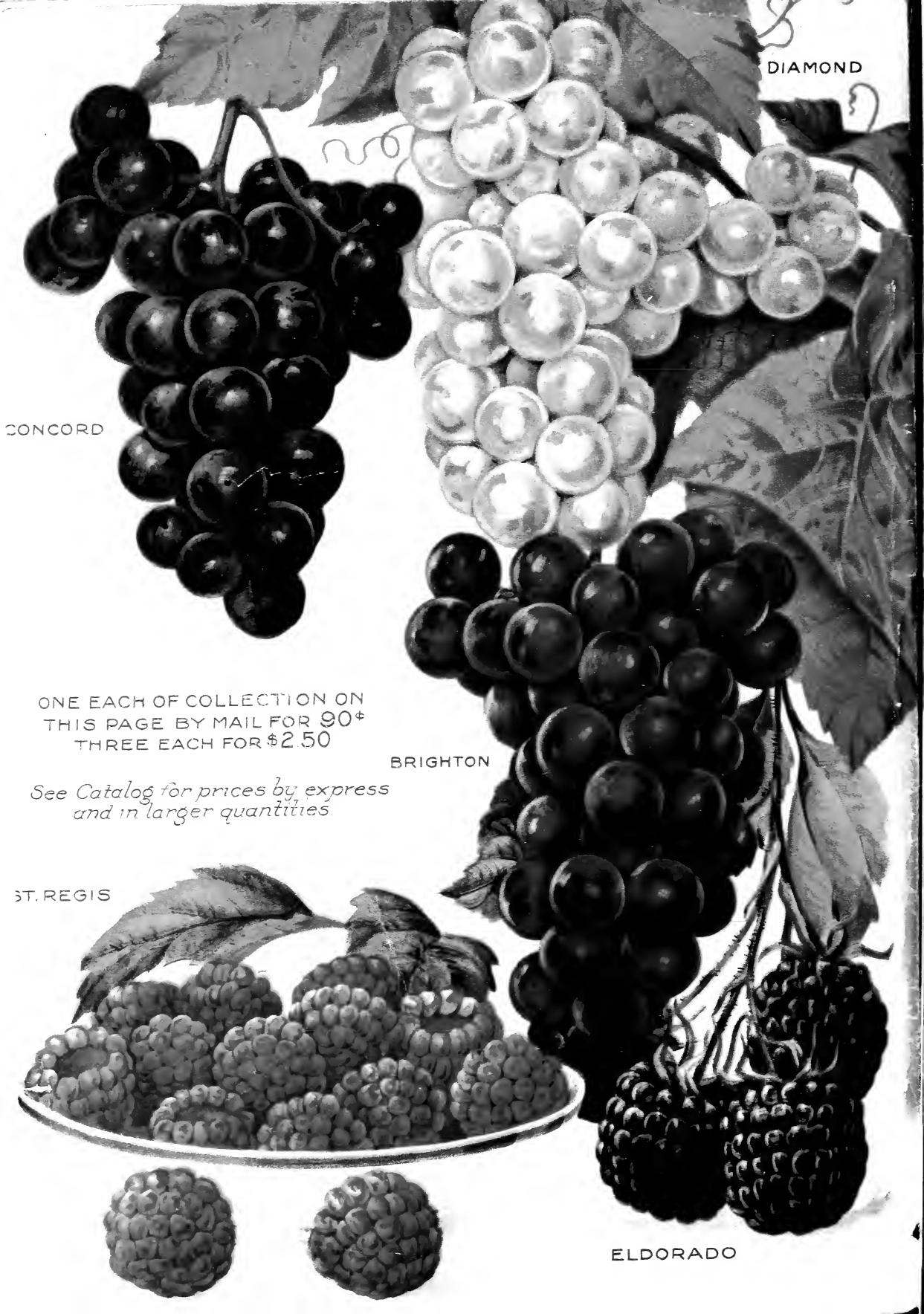
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